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[3130].$**39.95**[563]. 3 ±1 [2026]. $4n-6$ [1224]. 4 ± 2 [2054]. > [2562]. $^{+}$ [92]. $^{-}$ [1131]. ^{1} [1504]. ^{15} [1594]. $^{2+}$ [1023, 3111, 1540]. ^{6} [1158]. ^{9} [1158]. ^{vp} [2587]. $_{1}$ [1818, 2235, 2415, 2105, 1250]. $_{2}$ [3008, 3415, 875]. $_{2\alpha}$ [1828]. $_{3}$ [2193, 3008, 3027]. $_{50}$ [1910]. $_{\rm OXA}$ [3271]. $_{\rm P1}$ [3384]. $_{\rm TEM}$ [3271]. $_{x}$ [3008]. α [784, 2373, 1816, 2040, 767, 116, 2302, 3293, 2391, 1729]. β [1995, 2904, 2919, 2993, 3050, 1993, 291, 2340, 2259, 1769, 2729, 1211, 1806, 1388, 3122, 2079, 2608, 594, 1185, 249, 2812, 1021, 1317]. $\beta 1$ [2261, 2261]. G_4 [2551]. γ [1851]. κ [1816]. l [3216]. $n-3$ [934, 1117, 1241, 994, 1454, 1524]. ω [67]. $\Omega 3$ [46]. p [2487]. $\times$ [1750, 1635, 574, 551, 2616, 2287, 3276, 2993, 1921, 2721, 2724, 1188, 2782, 2376, 852, 1636, 3215, 2735, 3175, 1453, 585, 3149, 1508, 3406, 1097, 3011, 2473, 1631, 1732, 2955, 1155, 246, 1751, 3024, 3026, 1404, 2082, 2815, 2668, 3411, 2027, 2278, 2896, 1561].

-1 [2993, 3050, 1993, 2340, 1806, 1185, 1021]. **-3** [67]. **-ATPase** [134]. **-carnitine** [3216]. **-carotene** [2079]. **-Carotene-enriched** [1995]. **-coumaric** [2487]. **-estradiol** [291, 1211]. **-farmed** [2620]. **-gal** [249]. **-glucan** [2904, 2259, 2729, 1388]. **-glucan-enriched** [3122]. **-glucans** [1769]. **-hydroxy-** [594]. **-induced** [1250]. **-infected** [2099]. **-K** [134, 92]. **-ketoglutarate** [2040]. **-lipoic** [2302]. **-mannanase** [2608]. **-methyl** [3293]. **-methylbutyrate** [594]. **-sensitized** [2288]. **-tocopherol** [784, 767, 116]. **-tocopheryl** [767].

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0 [1008, 1975]. **0-632-06406-4** [554]. **0-643-06865-1** [565]. **0-85199-596-9** [553]. **0-85238-276-6** [564]. **0-group** [40]. **0D** [997].

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3} [3158, 2143, 2261, 2633, 3347, 3033]. **3-glucan** [1806, 1185, 1021]. **3-month** [1530]. **3/1** [1993, 2340]. **3102** [2151, 2082]. **35** [3007]. **3D** [2967, 1246]. **3rd** [736].

4 [2143, 2681]. **4-3** [2143]. **4-endoglucanase** [896]. **4-octyl** [3225]. **48-h** [1472].

5 [1374]. **5-HT** [1374]. **5.8S** [895]. **53** [2366]. **53-kDa** [2366]. **5M** [1975].

6 [1592]. **6-glucan** [2340]. **6-glucans** [1993]. **6w** [165]. **6w-3** [165].

8 [2826, 926, 3155]. **8-cineole** [2323].

978 [1008, 1975]. **978-1-78918-048-0** [1975]. **978-1-84971-259-0** [1008]. **9th** [861].

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[1826, 700, 957, 1283]. **aad** [3271]. **Aarset** [708]. **Abalone** [514, 2029, 1085, 1673, 2335, 2761, 792, 1670, 370, 1813, 1701, 1115, 459, 1589, 2628, 3314, 2858, 1681, 2236, 2413, 1131, 896, 3070, 710, 1034, 1504, 185, 1367, 2482, 2668, 1875, 1871, 1327, 851, 1545]. **abalones** [1172]. **abce1** [2539]. **abdominalis** [544, 556]. **abilities** [1680]. **ability** [1218, 2287, 1860, 1083, 2625, 2740, 355, 2751, 2546]. **abiotic** [3359, 1498]. **Abnormal** [104, 2793, 2564]. **Abnormalities** [519, 3276, 3275, 1642, 1651]. **Abramis** [489, 585]. **abrogate** [1639]. **absorption** [712, 773, 2082]. **Abundance** [2916, 271, 3044, 957]. **acai** [2552, 2714, 2106]. **Acanthocephala** [2600]. **Acanthopagrus** [2948, 3155, 2179]. **Acanthus** [2681]. **Acartia** [1240, 1310, 1472, 1624, 1771, 1632]. **accelerate** [1489]. **acceleration** [1544]. **Acceptance** [3088, 3238, 1571, 2883]. **access** [299]. **acclimated** [1118]. **Acclimation** [3071, 1635, 1315, 1794]. 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2270, 2104, 289, 1858, 2305, 2748, 2700, 2896, 175]. Microalgal [1831, 1843, 699, 760, 1754, 2666, 1955]. Microarray [1026]. Microbacterium [757]. microbe [2170]. microbeads [1402]. microbes [2480]. Microbial [2199, 1546, 289, 2219, 1134, 3094, 1627, 2771, 2923, 3184, 1278, 1953, 1460, 2792, 429, 2237, 3012, 2801, 775, 2882, 2544, 1604, 1883, 678]. Microbially [121]. Microbiological [2212, 1577, 543, 885, 1150, 2026]. microbiology [3057, 887]. Microbiome [2803, 2494, 3009, 2024, 3318, 2246]. microbiomes [2652]. microbiota [1477, 2904, 3217, 2092, 2765, 3380, 2721, 1774, 2169, 2344, 2847, 3061, 1895, 1126, 2469, 2734, 2318, 3067, 1630, 2533, 1063, 1535, 2079, 1069, 2884, 1890, 2749, 3076, 2752, 2643, 2816, 2243, 3080, 2245, 3319, 3218, 2898]. microcapsules [2904, 2921]. Micrococcus [3187]. microcosm [602, 619]. microdiet [167]. microdiets [2512]. microecological [2409]. Microencapsulated [232, 1402, 1855, 2802, 3247, 1146]. Microencapsulation [2496, 1991]. Microeukaryote [1889]. microfeed [760]. microflora [2597, 2824]. microgreens [3177]. micromorphological [1616]. microorganism [2293]. microorganisms [2059, 1957, 1202, 3022, 2822]. microparticle [724]. microparticles [2173]. microparticulate [1673, 435, 464, 1807]. Microplastic [3329]. microplastics [3364, 2894]. microplate [1876]. micropropagation [2579]. Micropterus [2031, 2922, 1171, 2597, 2970, 3029, 2894, 1106]. microRNAs [3282]. Microsatellite [738, 583, 2956, 3047, 1187, 675, 852, 1848, 2235, 2325, 2667, 2055, 1060, 2362, 2642, 1392, 1509, 1761, 2980, 2137, 1728, 1644]. microsatellite-based [2235]. microsatellites [1854, 1692, 528, 1352]. microscopy [2370]. microspheres [1261]. microsporidian [1904, 1909]. microstructural [104]. microtiter [337]. micrura [68, 69, 724]. mid [2141]. mid-intestine [2141]. midae [1589, 2413, 1131, 3070, 1875]. middle [806]. midgut [3113, 2692]. Midnorth [2591]. Miedwie [1154]. MIG [3385, 3366]. MIG-seq [3385, 3366]. migration [1328, 3055]. Miichthys [745]. miiuy [745, 745]. milestones [2266]. milkfish [1253, 2961, 418, 1660]. Mill [3412, 2314]. millenium [276]. Miller [879]. millet [2505]. millet-based [2505]. Milne [2521, 753, 930, 982, 2601]. Milne-Edwards [2601]. milt [2528, 993]. miltiorrhiza [2616]. mimics [2763]. mimicus [2461]. mineral [3397, 346]. mineralization [2075, 1339, 969]. minerals [604, 2278]. Mini [3316, 2154, 1276]. mini-mussel [1276]. minimal [3401]. Minimally [776, 230, 1303]. minimum [693, 2716]. Mining [1669]. Minnow [479, 573, 2330, 2889, 2391]. minor [2285, 1826, 408, 2296, 3073, 2640]. mint [1677]. Minthostachys [2774]. miRNA [2230]. miRNA-mRNA [2230]. mirror [1362]. Mischke [1151]. Misgurnus [1157, 1156, 2235, 724, 741, 814, 831].

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[2226, 1912, 2465, 1541, 1769, 1747, 1828, 3116, 2741, 1760, 2509, 2130, 2079, 2878, 2301, 3312, 2679, 2165]. pica [1955]. Piccolo [543]. piceus [2137]. Picochlorum [1614]. picolinate [604, 820]. Pierce [411, 625]. pig [398]. pigeons [2149]. pigment [2680, 1515, 1107, 1991]. pigmentation [1995, 196, 1077, 3241, 18, 327, 208, 1139, 1352]. pigmented [3185, 3301]. pigments [1490, 784, 703, 2510]. pigra [3142]. Pike [493, 659, 1230, 2468, 2945, 630, 1933]. Pike-perch [493, 1230, 1933]. Pikeperch [1782, 3018, 480, 1932, 642, 749, 2257, 1229, 2339, 1588, 1944, 3005, 2855, 1160, 1499, 2529, 1927, 1934, 1940, 1941, 2042, 2566, 2211, 452, 1165, 1579, 1939, 1936, 1930, 1935, 641, 2109, 1159, 1931, 1161, 1942, 2456]. pili [2265]. pillars [2629]. Pillay [692]. Pilot [207, 977, 2176, 710, 2744]. pilot- [710]. Pilot-scale [207]. Pimelodidae [1097]. Pimelodus [1999, 3246]. pin [1847]. Pinctada [1281, 2225, 3309, 1186, 396, 954, 719, 1337, 1480, 1032, 401, 1506, 2868, 469, 1505, 1537]. pink [981, 1202, 305]. pinnatifida [1103]. pintado [3149]. Piper [2826, 2842, 2017]. piperita [2985]. PirA [2587, 2206]. PirAB [2683]. Pirarucu [643]. PirB [2587, 2974]. Pisces [629, 508]. piscicida [2802, 2244]. PISCIVAC^{TM} [3128]. PIT [1273, 1053, 544, 1931]. PIT-tag-assisted [1273]. PIT-tagging [544]. pituitary [2139, 588, 1213, 1338, 1444]. Pixelar [2043]. pkmyt1 [2539]. Placopecten [281, 383]. plague [723]. plankton [3395, 3006, 854, 971, 1666, 653, 2713, 863, 864]. planktonic [1738]. planning [3292]. Plant [2068, 222, 241, 2220, 2579, 2487, 3232, 410, 301, 3365, 1862, 1383, 3061, 1040, 1497, 2045, 1026, 2018, 3405, 3072, 1432, 2608, 1616, 1125, 2882, 1294, 2891, 2892]. plant-based [1497, 1026, 3405]. plant-ingredients [3365]. plant-protein [2892]. plant-protein-based [1125]. plantarum [2706, 2914, 2169, 1484, 1428, 1723, 1705, 2136]. planted [3321]. planting [2785]. plantings [967]. plants [2590, 2074, 2739, 2017, 1631, 2963, 1775, 2577, 2578, 1071]. Plasma [484, 1216, 161, 996, 3101, 291, 1996, 2315, 1828, 1542, 92, 379, 1432, 3283, 1857, 2643, 1931, 2766]. Plasmid [249]. platensis [1041, 2280, 1690, 681, 2071, 2437, 3181, 1311, 1473, 2864, 2510, 3374, 1978, 242]. plates [337]. Platichthys [1265, 1542]. platyfish [1995]. Platyhelminthes [2009]. Platymonas [1676]. play [2539]. players [2250]. plays [2973]. PLCFishMOT [3141]. Pleco [3159]. plecoglossicida [1949]. pleopodal [406, 876]. Pleurotus [1846]. plicatilis [430, 1923, 1944, 621, 429, 1814, 2270]. ploidy [1096]. plot [1569]. plus [2900, 724, 36]. pluvialis [3051, 3286, 2721, 2850, 2208, 3209, 3247, 2453, 2056, 2917]. pneumoniae [3296]. pod [1437]. Poecilia [663, 2872]. point [3246, 3110, 277, 2485]. Poland [1210, 596, 1154, 597]. policies [1520, 415, 3270, 2886, 1746]. Policy

[2730, 2224, 3394, 2622, 414, 2635]. Pollution [554, 3014, 972]. Poly [1301, 1363]. polyactis [1908]. polyandry [1480]. polycaprolactone [1953, 1808]. polycaprolactone-packed [1808]. polychaete [1870, 540, 1336, 3192]. Polychaetes [539]. Polyculture [2759, 383, 2424, 1789, 2488, 3281, 2654, 398, 2657, 2562, 722, 845, 1495, 1714, 371, 2661, 1594, 2356, 1834, 971, 826, 1660]. polycultured [1888]. polycytidylic [2148]. Polydora [287]. Polydorid [560, 2540]. polyethylene [1825]. polygyny [1480]. polyherbal [2232]. polyhydroxyalkanoate [1953]. Polyinosinic [2148]. polylactic [2756]. polylactic-co-glycolic [2756]. polymerase [3098, 2840, 2416, 2213]. polymers [2887]. polymorphic [86]. polymorphisms [1896, 2109]. Polynesia [1032]. Polyodon [454]. polypeptide [293, 1444]. Polyphenols [3243, 3260]. Polyprion [509]. polyrhiza [451]. Polysaccharide [1403, 1878, 2856, 3147, 3240, 3251, 3065, 896, 2664, 985, 1517, 870, 1343, 1503]. polysaccharide-based [2664]. polysaccharide-degrading [896, 1503]. polysaccharides [1887, 2616, 2120, 1680, 2234, 2154, 2452]. Pomacanthus [1375]. pomace [3067]. pomegranate [3260]. Pompano [508, 1854, 3009, 3260, 3118, 2083]. Pond [176, 1378, 1099, 1578, 2220, 2457, 3186, 3395, 3161, 658, 1932, 2399, 3379, 3281, 2655, 3223, 1157, 660, 1168, 1575, 258, 94, 191, 598, 1792, 1587, 1584, 659, 56, 1151, 1580, 1002, 918, 754, 2939, 1941, 2042, 1585, 1802, 657, 2635, 1165, 1939, 2356, 2606, 1961, 19, 2961, 668, 854, 971, 3321, 826, 1167, 1424, 1451, 1530, 3399]. pond-based [3379, 3281, 2635]. pond-cultured [1941, 2042, 1165, 1939]. pond-raised [1802]. pond-reared [659, 19]. ponderosa [1485]. Ponds [250, 510, 1888, 457, 2457, 2759, 62, 2091, 1290, 3339, 795, 1960, 3288, 3044, 640, 1891, 191, 384, 1345, 1235, 830, 575, 1970, 321, 1382, 633, 2171, 1002, 756, 2787, 676, 1423, 2174, 2100, 1460, 666, 576, 602, 619, 95, 1279, 3146, 3017, 2601, 1104, 1594, 306, 654, 1130, 362, 292, 1199, 453, 653, 665, 2056, 1203, 823, 3079, 3280, 1494, 2713]. poor [2394]. Population [490, 1382, 554, 1755, 621, 2352, 1113, 1119, 155, 1743, 804, 2036, 1622, 1854, 455, 583, 1742, 845, 1154, 2480, 2025, 1761, 1756]. populational [1948, 1947]. populations [3246, 1826, 1136, 1565, 278, 1854, 723, 1382, 1753, 777, 1737, 596, 1506, 1177, 1964, 1933, 597, 397, 1938, 2184, 1922, 2137, 147, 2165]. Porgy [494, 220, 975, 1054, 334, 342, 1053]. pork [983]. porosity [1825]. Porous [3322, 3357]. Porphyra [895, 3316, 2928, 3147, 3240]. porphyran [2572]. Porphyridium [2691]. portable [2602]. Portieria [2699]. portoamides [3410]. Portugal [391, 2062, 92]. Portuguese [3327, 3377]. portunid [927]. Portunidae [934]. Portunus [1457, 935, 1704, 2108, 936, 1060, 1618, 2455, 1260]. Positioning [1410]. positions [255]. Positive [2752, 2147]. possibilities [2].

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[1313, 3200]. pre-fattening [3300]. Pre-feeding [226, 355]. pre-gelatinized [685]. pre-grow-out [2788]. pre-seasonally [1934]. pre-slaughter [532]. pre-treatment [3145]. Pre-treatments [3097]. Prebiotic [1759, 1901, 2752]. prebiotics [2061, 3198, 1465, 2729, 2041, 601, 2329, 1436]. Precision [1998, 3168]. precocious [2925, 195]. precocity [929, 932, 2790]. Predation [128, 2353, 457, 1024, 469, 612]. predator [3309, 269]. predators [303]. predicted [1720]. Predicting [1984]. Prediction [966, 3250, 998, 2851, 3417, 2653]. Predictive [1643]. predictors [123]. predominant [2305]. Preface [651, 478, 530, 582, 1206, 1573, 1153, 1088, 422, 1926]. preference [4, 3096, 3279, 2482, 2195]. preferences [3151, 437, 2078, 1062]. pregrowing [1712]. prejudice [1980]. Preliminary [109, 1323, 2524, 2346, 794, 2415, 177, 246, 445, 1454, 508, 2218, 1262, 1529, 113, 2497, 917, 342, 1357, 800, 3410, 1051]. premium [1985]. premix [2549, 3122]. prenanti [1729, 1604]. Preparation [2946, 3097, 1934, 2493]. preparations [1215, 2409, 1809]. prepared [731, 2397, 3209]. presence [1240, 1304, 2683, 1791, 1602, 3268]. present [2061, 723, 1523, 1802, 2295, 599]. presentation [434]. presented [803]. Preservation [335, 1212]. preserved [427]. Press [565, 563]. Pressure [1950, 960, 2320, 136]. pressures [1746]. presumptive [2560]. pretreatment [762]. Prevalence [730, 1904, 2338, 3124, 1909, 519, 3089, 2090]. prevent [2498, 2802, 2576]. Preventing [2142, 1809]. Prevention [700, 2299, 3090, 2757, 2011, 2627, 1796, 2018, 400, 3418, 2568, 395, 2544]. preventive [1974]. previous [2798]. Prey [511, 1166, 438, 458, 842, 924, 1399, 1771, 1312, 2597, 3118, 434, 1455, 2195]. Price [564, 552, 565, 554, 563, 553, 3193, 23, 1513, 1985, 1057]. prices [3178]. prickly [3087, 1595]. primarily [1640]. Primary [2162, 649, 384, 1810, 1107, 653]. primers [965]. Principles [692, 1087, 1204]. print [1600]. private [32]. Pro [1158]. proactive [3302]. Proales [1798]. probiont [1621]. probionts [647, 775]. Probiotic [1652, 507, 1048, 1484, 1705, 2059, 2706, 2089, 2029, 2914, 3408, 1894, 3049, 3052, 1821, 987, 2037, 2929, 1901, 2008, 1878, 2496, 2625, 2317, 1757, 1822, 1560, 1814, 465, 1873, 2105, 1866, 2419, 2964, 1069, 2329, 3347, 3290, 1089, 2112, 3134, 892, 2245, 2393, 1759]. probiotic-pathogen [2914]. probiotics [3361, 3407, 2425, 2061, 1708, 2459, 2337, 3384, 1122, 1377, 1829, 3198, 1068, 1436, 2784, 2012, 1263, 2531, 2041, 1460, 2380, 3117, 1879, 2689, 1145, 3200, 2954, 2959, 1646, 2813, 2361, 2643, 2898, 2824, 1988, 1731]. problem [2050]. problems [40]. Probopyrus [2557]. Procamallanus [2050]. Procambarus [842, 2996, 1370, 1468, 2596, 2379, 2966, 3213, 3028, 1625, 2642, 2752, 3190, 2753, 2892, 1148, 1540, 2980]. Procedure

[569, 872, 3071, 965, 1718]. procedures [1589]. process [2065, 3384, 2554, 3008, 1825, 2808, 1858]. processed [2016]. processes [3135]. Processing [690, 229, 2067, 1813, 998, 1150, 2954, 2510, 3370, 1577, 891, 2748, 1625]. prochilod [2477]. Prochilodus [2477, 3140]. procumbens [3062]. produce [2831, 2554]. produced [2062, 2281, 633, 199, 2501, 1492, 1435, 2510, 1389, 1955, 2306, 1951]. producers [2387]. produces [1524]. producing [385, 1258, 107, 2105]. product [1838, 3369, 2321, 3013, 1579, 961, 844, 1577, 3294]. Production [2001, 129, 1298, 189, 575, 388, 259, 503, 1814, 2104, 952, 516, 32, 3177, 2984, 1888, 1015, 69, 1058, 1129, 1838, 3156, 1804, 2906, 1999, 2678, 1018, 1520, 561, 1690, 1253, 1836, 2913, 2065, 1100, 45, 1954, 1899, 3281, 1377, 2368, 3386, 2257, 2655, 3223, 207, 2585, 2068, 1923, 2619, 2720, 1782, 3292, 1419, 1532, 2464, 3315, 660, 2927, 3244, 1724, 271, 2198, 927, 876, 1117, 1587, 2779, 962, 1745, 3058, 623, 1066, 2199, 2850, 8, 1152, 3397, 1596, 3399, 2347, 2039, 1864, 1458, 3419, 1349, 3114, 1768, 1045, 2208, 1585, 2445, 1850, 1519, 352, 2534]. production [3178, 380, 2635, 2535, 2265, 1034, 2661, 1760, 2178, 1579, 1946, 1945, 655, 1378, 1559, 2695, 2606, 442, 1276, 1376, 2479, 2239, 2511, 763, 3370, 2300, 1107, 133, 292, 2811, 834, 973, 3356, 2967, 1710, 665, 2023, 2972, 2483, 1462, 2056, 1203, 3311, 1807, 2363, 1260, 1592, 1195, 1149, 1689, 3229, 851, 2194, 1355, 1512, 2917, 1831, 1151]. productive [2285, 1081, 3242, 2078, 1191, 2429]. Productivity [1427, 2449, 1772, 2254, 2255, 3393, 191, 384, 3191, 1647, 1045, 2155, 2356, 292, 653]. Products [563, 1295, 3166, 1950, 243, 1813, 2778, 2199, 2594, 2203, 1582, 1447, 1386, 2018, 2954, 362, 2304, 2669, 1203, 2086, 2066]. proficiency [2144]. profile [2062, 2761, 2831, 2587, 784, 3182, 3049, 1202, 1173, 2839, 1784, 1141, 2344, 2260, 912, 3425, 2501, 501, 983, 1717, 464, 1096, 2611, 1653, 959, 1185, 2156, 293, 3297, 2813, 2053, 3138, 2640, 1662, 2085, 1405]. profiles [2164, 2396, 1098, 1568, 2121, 899, 3053, 1028, 1421, 1552, 2626, 3336, 879, 3113, 1767, 2877, 1432, 2389, 1694, 2057, 2979]. profiling [856, 2370, 1872, 2360, 1504, 1665, 1527, 3082]. profit [2227, 1074]. Profitability [2654, 80, 3193, 3046, 3393, 1004, 888, 886, 1298, 2412, 2239, 2384, 1674]. profitable [1917]. progeny [1156]. program [1119, 2525, 808, 1327]. programmes [1408]. programming [2697]. programs [1557, 3191, 1487]. Progress [1510, 1946, 1945, 2575]. Progressive [134]. progressively [1326, 67]. Prohemistomum [2901]. proinflammatory [3051, 3286]. project [138]. prolifera [3419, 3251, 2876, 1403]. proliferation [2013]. proliferative [2634]. prolonged [146, 907, 8, 3024]. promise [467]. Promising [503, 2983, 1212, 1771, 2374, 2875, 1710]. promote

[313, 615, 415, 3195, 3253]. promoted [1701]. promoters [2536]. promotes [1887, 3365, 993, 2812, 2483, 2244]. Promoting [3256, 1959, 3153, 96]. Promotion [1413, 145, 683]. prone [2039]. Propagated [567]. propagation [875, 2799, 1616, 1159]. propagule [3156]. proper [880]. properties [1821, 2625, 3303, 2377, 2016, 2017, 3173, 2664, 1961, 3304, 2105, 2215, 557, 1105, 1840]. property [2685]. Prophylactic [2649, 2090]. prophylaxis [2846]. propionate [2503, 2179, 2024]. Propiscin [578]. propolis [1049, 3182, 2201]. proposal [534]. proposals [2224]. proposed [2369]. propyl [2375]. prospective [3092, 1608]. Prospects [238, 3102, 2849, 2266, 599]. prostaglandin [2878]. protandrous [2925]. protease [410, 2992, 160, 3365, 1872]. proteases [301, 2723]. protecting [2886]. Protection [2960, 1990, 2993, 987, 1563, 3162, 2049, 1333, 1059, 1962, 1403, 1056]. Protective [632, 2836, 1925, 3065, 3259, 2130, 3367, 2900, 1801, 2756, 2793, 2569, 2541, 2327]. protects [1732]. Protein [248, 1781, 1181, 1420, 1033, 344, 3232, 2614, 2366, 174, 2908, 1627, 3391, 1286, 2193, 2031, 942, 149, 909, 2283, 1017, 1678, 2428, 3217, 3423, 1293, 3274, 3043, 996, 2068, 2554, 1081, 1226, 291, 3315, 1779, 1340, 1640, 2344, 1307, 2407, 824, 3106, 623, 1706, 115, 114, 2292, 1852, 1486, 1040, 1442, 2293, 3007, 2529, 853, 1765, 2734, 3214, 555, 1267, 1453, 2101, 2351, 1045, 3149, 1796, 3169, 2797, 3154, 2076, 1019, 2152, 880, 379, 1091, 922, 3165, 1873, 1138, 3374, 1271, 2301, 1044, 1036, 387, 1125, 2108, 2327, 2388, 1711, 3138, 3130, 1128, 611, 2668, 2892, 3388, 1012]. protein [1148, 2423, 1038, 1191, 1540, 3319, 3218, 1752, 2113, 2333, 1942, 2456, 3100, 2586, 2553, 2768]. protein-fed [1271]. protein-like [2101]. protein-to-carbohydrate [1779]. protein-to-energy [2553]. protein/carbohydrate [611]. proteinases [943]. Proteins [222, 1801, 1440, 168, 1895, 3068, 2045, 1432, 1331, 2243, 2094]. proteolytic [1715, 1091]. Proteomic [2484, 3040, 3278, 3152, 2183, 2248]. proteomic-based [3040]. protexin [2245]. protocol [1247, 1073, 389, 744]. protocols [198, 1548, 2508, 2693, 3308, 537]. Protozoan [247, 830]. provide [2702]. provided [2979]. provides [2922, 1274, 2419]. Province [2990, 1786, 1787, 1909, 2980]. provinces [3285]. proving [829]. provoke [2801]. provokes [1623]. Proximate [2839, 1803, 146, 2989, 2831, 2430, 2402, 1202, 2506, 1767, 61, 2389, 3170]. proxy [1402]. PRQFVamide [3229]. PRQFVamide-related [3229]. pruning [3133]. pruriens [3348]. Psetta [1255, 947, 500, 1122, 601, 1271]. pseudo [2926, 339]. pseudo-green [339]. Pseudoalteromonas [1814, 2802]. Pseudobagrus [1716, 3076]. Pseudodiaptomus [1354]. Pseudomonas [792, 2338, 2095, 2144, 2682, 2327, 2968, 1182, 1949, 1883]. Pseudoplatystoma

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[2436]. settling [804, 3307]. seven [1938]. Several [218]. severe [2675, 2663]. severe-intensity [2675]. severum [703]. sewage [2833, 3235]. Sex [2776, 822, 695, 1679, 2519, 404, 1214, 1320, 2204, 1508, 1714, 2326, 2539, 379, 1232, 1892, 3024, 133, 750, 2156, 3077, 711, 3032, 1759]. sex-related [3032]. sex-reversed [1214]. sexual [801, 161, 3352, 2439, 1941, 2042, 1553, 758, 2662, 2809, 1092, 1365, 2671, 1035]. SFE [2592]. sGnRH [150]. sGnRHa [1747, 2740, 1158]. SGSY [1027]. shad [2780]. shade [1196]. shading [2298, 2383]. shallow [769, 104, 154, 1318]. Shandong [3285]. Shanghai [926]. shape [721, 1979, 2886]. Sharma [1205]. sharp [888, 886, 983]. Sharpsnout [506, 302, 1465, 919, 372, 1422]. Sharptooth [801]. Sheffield [1975]. shelf [1920, 1576, 394, 2054]. shelf-life [394]. shell [1843, 1734, 1745, 1080, 631, 104, 3327, 1329, 2858, 1630, 3241, 14, 1144, 2540, 3392, 2879, 891, 1955, 2025, 2981, 1352]. shelled [2938, 3195, 1012, 1700, 1752]. Shellfish [416, 1479, 144, 1525, 1064, 1120, 1345, 3016, 1528, 1272, 803, 812, 297]. shellfisheries [2491]. shells [3244, 2540]. shelter [370, 1368, 369]. Shenzhen [792]. Shewanella [1089, 892]. shi [1020]. shifts [2092]. shiitake [1192]. ship [1232]. shock [1293, 1086, 1157, 778, 2351, 1359, 1300, 2297, 1003, 674]. shore [1569, 535, 938]. Short [212, 1309, 161, 178, 200, 1259, 1174, 1774, 2038, 151, 140, 193, 186, 177, 3420, 2880, 2082, 2548, 1998, 1173, 1239, 1472, 2845, 3167, 17, 3239, 1221, 1504, 2609, 593]. short- [17]. short-chain [2548, 1774, 2609]. Short-term [1309, 2880, 1173, 1239, 1472, 2845, 3167, 1221, 1504, 593]. shovelnose [201]. show [2691]. shows [1564]. Shrimp [232, 2228, 569, 622, 2272, 628, 1355, 2675, 2548, 1479, 2549, 1907, 1721, 68, 673, 2518, 3092, 3036, 2759, 3395, 3228, 2063, 730, 1619, 2426, 523, 3238, 1290, 1904, 1652, 3359, 3193, 1248, 1358, 2990, 1277, 2032, 1119, 1887, 1463, 1836, 2253, 2119, 1754, 1384, 1678, 2428, 2764, 3217, 2914, 1005, 2092, 2992, 1899, 1780, 2521, 13, 207, 358, 1256, 1950, 2227, 1829, 2835, 2836, 3198, 2770, 2494, 3393, 3334, 981, 1202, 640, 2921, 966, 2554, 2312, 2313, 2924, 1396, 1992, 1393, 1289, 1259, 1379, 1860, 381, 2070, 1784, 2590, 2842, 2722, 3143, 1538, 2997, 1901, 2998]. shrimp [1487, 2726, 998, 2099, 824, 1198, 1810, 3400, 3059, 647, 915, 575, 1549, 2232, 1970, 2592, 2593, 2847, 2626, 1654, 1055, 3371, 2786, 2202, 1791, 3139, 3109, 1441, 1614, 2731, 2316, 2500, 980, 2378, 1725, 1598, 853, 2317, 2442, 2205, 2732, 889, 1268, 1737, 3063, 3010, 1324, 2469, 3064, 2560, 2860, 26, 140, 1460, 2792, 2318, 1768, 2861, 2207, 2631, 1485, 3340, 2598, 1796, 3169, 80, 576, 2322, 2533, 1741, 2689, 95, 3012, 3285, 3178, 524, 868, 2175, 2947, 2800, 3120, 1145, 1773, 2076, 1902, 2507, 1019, 982, 3146, 373, 2953, 2018, 2049, 2954,

1994, 2567, 2601, 2802, 1315, 2803]. shrimp [3254, 2602, 2603, 1104, 1717, 3019, 2805, 3307, 3257, 559, 2696, 306, 1880, 1620, 2606, 1183, 1502, 2239, 2511, 1961, 1130, 1138, 3126, 2300, 2105, 1493, 941, 1909, 2021, 2609, 362, 2106, 3204, 403, 2611, 2107, 1302, 2134, 1036, 522, 526, 1348, 1185, 1389, 971, 3321, 1788, 1711, 2449, 1705, 3256, 1962, 1025, 891, 2544, 2022, 1114, 1361, 2483, 2641, 2670, 3077, 734, 2890, 2574, 1146, 2818, 2058, 2819, 3080, 735, 782, 1592, 3030, 2897, 1689, 2899, 1644, 1397, 3170, 2429, 2194, 2403, 679, 552]. Shrimps [233, 2115, 2338, 2354, 1660, 1976]. sHsp [2351]. Si [3128]. siamensis [3136, 2612]. Siamese [168, 2502, 1601, 1599, 1924]. sib [1480]. Siberian [1247, 208, 2245]. sibling [1457]. side [3192]. sides [843]. sidoides [2650]. Siganus [702, 990]. sign [2616, 3276, 2721, 2724, 3215, 1908, 2735, 3175, 3406, 3011, 2955, 3026, 2815, 2668, 3411, 2278, 2896]. signal [638, 271, 998, 2277]. signaling [2404, 2507]. significant [3148, 2663]. significantly [1628, 2959]. silage [1839, 3242, 2472]. silica [2946]. silicate [2779]. silico [2946, 3410]. Siluriformes [1097, 3159]. Silurus [1226, 1164, 2853, 2854, 1211, 1988]. Silva [2785]. Silver [251, 237, 1619, 300, 3196, 2525, 1792, 3136, 325, 2297, 3358, 360, 1660, 2160]. silymarin [2686]. similar [2536]. similis [2001, 1798]. Simple [569, 50, 1544, 1835, 56, 1651, 777, 389]. simulate [1915]. simulated [2405, 321, 778, 1101, 528, 2449]. Simulation [2678, 2123, 2010, 2581, 851]. simulations [602, 619]. simultaneous [3098, 1476, 1697]. simultaneously [1013]. Sinaloa [54]. since [1519]. sinensis [656, 2457, 2120, 1680, 1956, 2230, 1142, 3060, 918, 3343, 929, 932, 2657, 2790, 2938, 2411, 2633, 1279, 931, 1050, 753, 930, 2388, 2361, 985, 2390, 2573, 2702, 1012, 1799, 2975, 2516, 1700, 3378, 1649, 1752, 2644]. Singhi [221]. Single [1896, 2231, 2531, 395, 2329, 2109, 3280]. single-factor [3280]. Single-nucleotide [1896, 2109]. singly [1358]. singularly [946]. Siniperca [856, 3380, 2657, 3214, 1392, 2332, 3082]. sink [1593]. sinks [1586]. Sinotaia [3142]. Sinuolinea [2118]. Siraitia [3340]. Site [2140, 790]. sites [1578, 2030, 1067, 2808]. situ [3055, 793, 2887, 1668]. Six [250, 289, 3377]. Size [313, 248, 1448, 4, 300, 548, 2915, 1670, 281, 273, 2778, 841, 3176, 659, 768, 720, 125, 754, 2468, 3005, 1929, 3063, 2352, 1368, 2353, 758, 1034, 1943, 445, 1165, 79, 126, 1547, 434, 702, 2182, 672, 1273, 172, 1876, 697, 1149]. sized [536, 1466]. sizes [1619, 2031, 2716, 113, 575, 3167, 1749, 1726, 576, 644]. sizing [2899]. skeletal [3276, 2922, 302, 1231, 2965]. skeleton [1642]. Skeletonema [250, 2033]. skill [1337]. skills [1411]. Skin [3366, 2704, 1995, 1446, 2652, 2727, 1124, 975, 1596, 3353, 1800, 3024, 3296, 1050, 2420, 2514, 2552, 2714, 3385]. skirt [2687]. slag [2254]. Slaughter [228, 171, 532]. slaughtered [1583]. slaughtering

[456, 405]. SLE [2685]. slip [2479]. SLP1 [1814]. sludge [2284, 2257, 2211]. Small [977, 1917, 3164, 640, 2495, 2198, 1066, 1647, 2348, 1738, 1325, 74, 1378, 3418, 835, 1371, 3269, 1010, 2697, 2387, 1788, 2977, 1871, 2218, 3177, 1512]. small-scale [1917, 640, 2495, 1647, 1325, 74, 1378, 835, 3269, 2697, 2387, 1788, 3177, 1512]. smallholder [1984]. smallscale [1989]. smart [2534, 2744]. Smith [2124]. smoked [1180, 547, 670]. smolt [635, 1013, 31, 49, 1313]. smoltification [92]. smolting [63]. smolts [81, 12, 1314]. smooth [1320]. SN1 [2743]. snail [880, 2484]. snakehead [176, 2051, 2052, 3351, 1437, 2421, 2977, 1561]. snakeskin [1800, 2055]. snapper [1018, 1353, 2834, 2694, 1503]. snook [1317]. snout [888, 886, 2045, 983, 3411]. snow [3425]. SNP [1669, 3385, 3366, 1707, 3032]. SNPs [1692, 3155, 1352]. Sobaity [3127]. Social [819, 1724, 1325, 2086, 768, 50, 3270, 3263]. Socio [2360, 911, 1027, 1400, 2961, 3256]. socio-cultural [3256]. Socio-demographic [2360]. Socio-economic [911, 1027, 1400]. socio-economics [2961]. sociodemographic [3285]. socking [632]. socks [1251]. sod [1299]. Sodium [2523, 2945, 2024, 1356, 1763, 1764, 2469, 2503, 1131, 2179, 1022]. Soft [2981, 12, 1745, 2938, 2879, 3195, 1012, 1700, 1752]. Soft-shell [2981, 1745, 2879]. soft-shelled [2938, 3195, 1012, 1700, 1752]. soil [1005, 2377, 2479]. soil-grown [2377]. soils [95]. Soják [3061]. solani [2835, 2997, 2847, 2631, 2689]. Solanum [472, 2685]. Solar [1611, 2602]. Solar-dried [1611]. soldier [2786, 2742]. Sole [572, 721, 687, 122, 698, 841, 1320, 501, 1091, 1089]. Solea [867, 501, 1091, 1089]. solid [3321]. solids [1555, 2741]. Solieria [3362, 3325]. Solieriaceae [3362, 3325]. Solomon [2125]. solubility [1706]. solubilizing [897, 321]. soluble [433]. solubles [3080]. Solution [488, 869, 1342, 176, 3294]. solutions [1817, 2852, 1522, 1223, 175, 2369]. solvent [2420]. somatic [968, 1280]. somatostatin [1469]. somatostatin-14 [1469]. Some [885, 1637, 247, 579, 484, 610, 2033, 336, 2069, 183, 2627, 585, 2044, 1484, 173, 2476, 820, 2112]. sonderianus [2958]. Sophora [3175]. sorting [1929]. sorubim [1750, 1751, 2132]. Souahlia [2140]. Sound [1853, 529]. Sounds [416]. Source [628, 192, 1870, 2283, 2428, 3043, 2257, 350, 2554, 1393, 196, 1077, 115, 1953, 2237, 2414, 1091, 1376, 1524, 1125, 2083, 3319, 3218, 1545]. sourced [3017]. sources [2614, 2139, 1490, 64, 1740, 996, 3101, 1307, 2407, 1102, 956, 3002, 2315, 2172, 2347, 1040, 2529, 2444, 555, 1593, 2504, 3154, 2177, 880, 1586, 2538, 1987, 2271, 1452, 1106, 1752]. South [2831, 391, 2062, 1782, 2412, 283, 3034, 2457, 1789, 1853, 1670, 545, 546, 1612, 1589, 2594, 3336, 2126, 3116, 2413, 2321, 3178, 2268, 185]. south-eastern [2412]. Southeast [3178, 751, 3310, 2321].

southeastern [2164, 1251, 3231]. Southern [282, 251, 1786, 2198, 2171, 303, 158, 1144, 434, 1190, 2117, 2739, 3263, 1788]. Southgate [1071]. southwest [848, 1721, 673, 2197, 2635]. Sow [489]. Sowerby [2445]. Sox17 [256]. Sox9 [256]. soy [2063, 942, 1678, 1486, 1895, 3148, 1036]. soya [1295, 71, 166, 1875]. Soybean [1776, 880, 1133, 799, 1445, 1018, 3096, 2770, 1465, 944, 1706, 1142, 114, 3399, 1040, 2732, 3175, 606, 2955, 547, 1824, 959, 1900, 753, 1316, 1625, 762, 940, 1807, 920, 3080, 2138, 2333]. soybean-meal-based [799]. sp [2189, 2089, 2114, 2033, 1375, 1859, 1490, 3212, 350, 1240, 1396, 1901, 2682, 2098, 757, 1241, 2526, 2683, 1919, 1959, 703, 3343, 715, 1814, 287, 3348, 2534, 1450, 2151, 3069, 2295, 1760, 2874, 3159, 379, 1866, 2743, 3321, 2483, 3134, 1815, 1545, 3154]. spacecraft [2153]. spaced [322]. spacer [895]. Spain [88, 103, 945, 282, 1305, 2171, 2387]. spallanzanii [1336]. Spanish [3288, 1565]. Sparidae [424, 974, 537]. Sparidentex [3127]. sparids [305]. sparing [1271, 2301]. Sparus [2827, 2758, 882, 3390, 535, 2122, 1626, 364, 1622, 390, 1565, 405, 2371, 2201, 2851, 1486, 1349, 770, 798, 1332, 339, 246, 464, 1535, 898, 510, 2512, 844, 557, 1089, 3277, 789, 1029, 685]. spat [728, 279, 707, 1344, 986, 287, 2275]. spatfall [605]. spathula [454]. spatial [2030, 2140, 2520]. spatio [106]. spatio-temporal [106]. spawners [1869]. Spawning [486, 480, 150, 255, 286, 3180, 1817, 786, 2339, 923, 314, 1534, 698, 948, 1828, 771, 269, 3342, 1939, 103, 19, 1161, 2766]. SPC [2333]. special [203, 2070, 2319, 1519, 2016, 2175, 46, 1866]. specialized [2828]. Species [1479, 238, 183, 503, 621, 246, 284, 483, 2060, 2164, 2579, 3231, 424, 2911, 1859, 1342, 106, 1913, 290, 2368, 1558, 398, 791, 84, 2067, 3049, 2168, 2921, 636, 2465, 3054, 2037, 752, 719, 2372, 698, 86, 1848, 715, 1420, 2857, 1803, 140, 3113, 2739, 1197, 2689, 517, 518, 105, 2268, 3396, 393, 2540, 2743, 127, 2386, 733, 670, 1710, 2305, 1016, 1128, 2482, 1488, 3411, 2974, 2158, 2392, 2093, 709, 974]. Species-characteristic [183]. Species-specific [1479, 1848, 1197]. Specific [2410, 3420, 1479, 1603, 871, 1655, 1680, 2840, 2589, 1501, 2232, 3185, 1848, 3266, 3240, 1197, 1675, 2505, 2355, 2151, 1930, 965, 2420, 2881, 1705, 1192, 2670, 3373, 1403, 1794, 2817, 2546, 2160, 1540, 3188, 2898, 2333]. spectra [3040, 2349]. spectrograms [3387]. spectrophotometric [744]. spectroscopic [2414]. speed [1856, 1111]. Speight [955]. spent [2831]. Sperm [869, 1817, 1216, 715, 1464, 483, 744, 2282, 588, 1215, 266, 783, 1996, 1117, 1127, 1217, 1247, 1156, 584, 2740, 581, 674, 748, 2111, 1219]. spermatogenesis [161, 2388]. spermatophore [2103]. Spermatozoa [485, 488, 1218, 2740, 1221, 1222]. Spezia [1482]. spheroid [2967].

Sphoeroides [435]. spider [731]. spinach [2708, 1383, 1495]. spined [2508]. spinifera [713]. spiny [2229, 3402, 1458]. spiny-bellied [2229]. Spionidae [2540]. Spirocamallanus [2050]. Spirodela [451]. Spirulina [2437, 2581, 3374, 1041, 1690, 2071, 1077, 3181, 1311, 1596, 1473, 2510, 1978, 1302, 242]. spleen [3389, 2649, 1805, 2081]. spleen-NMR-metabolomics [2649]. splendens [3237, 2502, 1601, 1599, 1924, 2080]. splendidus [635, 1403]. splenic [2248]. splicing [3313]. Spondylus [1885]. sponge [1031]. spontaneous [97]. Spore [567]. Sporidiobolus [3153]. sporophytes [1103]. Spot [569, 730, 1277, 1887, 3212, 2590, 2722, 1467, 2099, 1664, 1855, 2375, 2202, 1473, 3139, 894, 2939, 2014, 2471, 2563, 2946, 1773, 2805, 2154, 2637, 3410, 559, 1961, 1185, 1059, 1711, 2022, 1331, 1361, 2483]. spotted [2676, 2709, 3246, 548, 827, 910, 909, 946, 979, 1001, 1353, 783, 351, 902, 1364, 408, 2935, 631, 756, 2936, 3147, 3240, 3251, 2941, 2015, 3220, 3206, 2694, 3351, 2451, 2454, 3210, 1455, 3032, 1503]. spp [490, 2649, 410, 2003, 3045, 2625, 2175, 2799, 2176, 850, 2957, 2132, 2112, 2393, 3154]. sprayed [762]. spring [97]. SPUM [1970]. Squalius [2220]. squamosa [1196]. square [2833]. squid [2680, 2954]. squilla [1839]. squirt [984]. SRAP [849]. Sri [147]. ssp. [1484]. SSR [1502]. SSRs [1544]. stability [2189, 3180, 2480]. Stable [2834, 3275, 1570, 542, 2713]. Stackhouse [2191]. stage [519, 1418, 1119, 3250, 1954, 981, 3315, 2522, 369, 1539, 2448, 468, 2429, 2493]. stage-2 [369]. Stages [226, 1108, 504, 2398, 2063, 2092, 1227, 205, 314, 1640, 351, 2262, 3063, 1639, 1712, 1830, 403, 407, 580, 3377, 1003, 2242, 1799, 3207, 1976, 447]. staining [2223, 1897]. stains [3424]. stakeholder [2582, 706, 2254, 2949, 2950]. stand [1212]. standard [1548]. Standardization [2282]. stands [654]. Staphylococcus [1956, 2160, 1592]. starch [3357, 1954, 1030, 2699, 685, 1503]. starry [1542]. stars [1024, 2353]. start [1874, 2538]. start-feeding [1874]. start-up [2538]. starter [9]. Starvation [405, 761, 2675, 907, 2790, 1504, 1618]. starved [426, 591, 1694]. State [54, 1950, 3362, 3325, 2549, 2707, 2458, 1620]. States [617]. static [207, 358, 2167]. station [598]. Statistical [1400, 576]. Statistics [1283]. Status [138, 2400, 571, 2217, 2703, 2825, 2900, 3323, 2827, 1319, 1748, 2141, 2428, 871, 2835, 3101, 2770, 2771, 2619, 2720, 2773, 883, 2929, 2007, 1745, 1765, 2734, 3175, 359, 193, 1941, 2042, 2737, 2862, 810, 3067, 2354, 2599, 1275, 3409, 2662, 3306, 1502, 2665, 2666, 2302, 1551, 648, 3253, 3075, 599, 2751, 2977, 686, 2159, 2672, 3207, 3170]. Staurogyne [2579]. steelmaking [2254]. steep [908]. Steindachner [1353, 314, 2694]. stellatus [1542, 2960, 1503]. Stenorhynchus [2646]. step [730, 2607]. steps [1285, 859]. Stepwise [976]. sterlet

[1328, 2204]. sterna [566]. steroid [1828, 1542, 379, 3297, 2766]. steroids [161, 750]. Sterol [2164]. stewartii [897, 897]. Stichopus [2526, 1391, 2298, 2383]. Stickney [296, 862, 446]. stickwater [2865]. still [191]. Stimpson [381, 2124]. stimulant [2631]. stimulate [1261, 167, 1981]. stimulated [1357]. stimulation [2116, 1213, 2692, 1159]. stimulations [2595]. stimuli [890, 3118]. stinging [2334, 1081]. Stizostedion [452]. Stochastic [2504, 1058, 2511]. stock [2220, 595, 2841, 927, 1320, 918, 1197, 3125, 284, 2058, 307]. Stocking [721, 833, 1090, 11, 2445, 493, 566, 825, 299, 2551, 3379, 2002, 70, 2458, 684, 548, 878, 1100, 3099, 2916, 2401, 3386, 1186, 2716, 1310, 2994, 2096, 811, 3315, 281, 1792, 2999, 988, 408, 65, 2853, 2854, 2855, 2731, 1054, 839, 2596, 3063, 1977, 2237, 1368, 2943, 352, 2505, 2874, 759, 1165, 2130, 1559, 1547, 1712, 3022, 702, 2384, 133, 968, 1539, 641, 3283, 3421, 2972, 1820, 2390, 1840, 1360, 1660, 2893, 2672, 3300, 999, 1698, 2429, 2432, 2196]. Stocks [481, 954, 1002, 948, 1385, 91, 1965, 1728]. stomach [1943, 2301]. stomachs [1655]. Ston [1597]. storage [2911, 345, 2528, 1576, 1936, 1221, 557, 3138, 669, 2674]. stored [1472, 1920, 3279, 2054, 2026]. Strain [507, 2551, 3041, 2991, 1997, 155, 2166, 3048, 2772, 738, 2625, 1970, 2126, 2736, 48, 87, 107, 2813, 1702, 2362, 2545, 2025, 3132, 1373]. Strains [482, 1194, 1696, 693, 1445, 1652, 2225, 2914, 3045, 3289, 3399, 3336, 2858, 298, 2046, 906, 1258, 1390, 522, 526, 3347, 2968, 2484, 3378]. stranded [1705]. strategic [2984]. Strategies [1999, 278, 2358, 349, 2716, 2339, 2464, 2230, 1688, 2009, 868, 1787, 913, 2957, 1378, 2239, 1834, 2747, 3311, 2493]. strategy [3042, 786, 2371, 2622, 859, 1285, 3419, 1974, 2861, 3119, 1078, 1034, 2665, 2133, 2612, 893, 2422, 1581]. stratification [55, 326]. stratified [1042]. streaked [2477]. streams [1979, 3192]. Strengthening [3050]. Streptococcosis [1990, 1919, 2627, 1809, 3128]. Streptococcus [2755, 2649, 2616, 3098, 2919, 2098, 1919, 2173, 3336, 3062, 2324, 2473, 1969, 2295, 3155, 2605, 1562, 2180, 1809, 1815, 2248, 1731]. Streptomyces [1652]. Stress [228, 1170, 234, 2617, 1812, 2983, 2901, 1907, 2905, 3039, 3401, 153, 2909, 3359, 2989, 2910, 2335, 3346, 1309, 392, 535, 2287, 3274, 3164, 3237, 981, 2096, 1227, 1229, 2313, 49, 2230, 2723, 2146, 3181, 2624, 2373, 2558, 1135, 1642, 1827, 3061, 2853, 2854, 2627, 2441, 1054, 2856, 2938, 3009, 3112, 1977, 2379, 2318, 2236, 2351, 2942, 536, 3302, 96, 2322, 173, 2016, 2633, 1800, 2948, 767, 3071, 3017, 371, 1315, 2509, 3413, 3267, 2638, 2960, 395, 1112, 1805, 2569, 2541, 3252, 750, 3265, 85, 2815, 2361, 2451, 2454, 2670, 2573, 2702, 3388, 2277, 3174, 1871, 3202, 2894, 870]. stress [1343, 1561, 2673, 3170, 2679, 2196, 448]. stress-associated [2901].

stress-induced [2856]. stress-related [2624]. stressed [3273]. stresses [3184, 1299]. stressful [1568]. stressors [1498, 1170, 3310, 3018]. striata [3397, 2051, 2052, 3374, 2421]. striatus [3107]. strigata [2944]. string [1298]. Stringed [793]. strip [2766]. Striped [2971, 1888, 1477, 1972, 1730, 618, 2253, 2097, 660, 1781, 778, 3107, 2346, 2499, 852, 2561, 440, 2505, 90, 355, 2804, 3338, 3374, 2329, 2304, 3130, 1246, 1025, 2701]. Stripping [489]. Strombus [1720, 2221]. strong [2673]. Strongylocentrotus [2397, 1419, 1864, 1274, 3409, 1559, 968, 1280, 1650, 1149, 1341]. Structural [2377, 255]. Structure [490, 621, 901, 2519, 3050, 811, 1345, 1854, 1214, 1382, 1756, 1755, 1231, 3109, 1786, 1211, 1460, 845, 2046, 1154, 1275, 2660, 655, 293, 2304, 1948, 1947, 669, 386, 1761, 1451, 2165]. structured [1002]. structures [1701, 2564, 591, 2546]. Struthers [863]. Student [1412]. Studies [2758, 16, 571, 2527, 584, 2105, 549, 1793, 2342, 206, 623, 50, 26, 2946, 1233, 534, 1798, 1616, 803, 2966, 664, 85, 831, 3312]. Study [340, 1345, 962, 1362, 1737, 2100, 105, 473, 1104, 1232, 3311, 1976, 2673, 3034, 457, 2457, 953, 1015, 2061, 2139, 2990, 2458, 1262, 2833, 1529, 3041, 3331, 2492, 1242, 1740, 2718, 183, 3380, 113, 2197, 2142, 278, 1307, 1298, 1985, 1827, 977, 3185, 3399, 1651, 2316, 2788, 176, 2350, 2733, 2101, 1571, 917, 1073, 2103, 3173, 3120, 2176, 1065, 452, 963, 1087, 1620, 620, 1930, 1505, 3204, 594, 2965, 2241, 3356, 1979, 436, 537, 542, 1949, 2183, 1875, 3235, 2084, 1660, 1922, 3083]. stunted [1262]. sturgeon [1076, 2677, 2616, 2430, 2402, 1170, 1227, 1328, 1028, 1903, 1109, 2496, 994, 1094, 1848, 1247, 201, 1590, 875, 776, 1232, 750, 1857, 208, 2245, 2278]. stutzeri [1883]. Styela [1391, 1606, 1546]. styles [3302]. stylirostris [3092, 381]. Sub [683, 627, 2309, 809, 2265, 2679]. sub-adult [2309]. sub-inhibitory [2265]. Sub-systems [627]. sub-tidal [809]. sub-tropical [2679]. subjected [629, 1170, 2636, 312, 1723]. Sublethal [12, 1661, 3152, 2422]. submerged [904, 2687, 2754]. submersion [1174]. submitted [1138]. subsequent [280, 1012]. subsidized [1844]. subsp [3208, 2105, 2816]. subsp. [2406, 897, 1560, 1762, 2107, 1132]. subspecies [183]. subspecies-characteristic [183]. substance [3419]. substances [1490, 614, 259, 1959]. substantially [2479]. Substitute [1678, 3242]. substituted [3365]. Substituting [2570]. substitution [396, 1047, 1109, 1142]. Substrate [241, 865, 1134, 2488, 2367, 595, 830, 2076, 1243, 160]. Substrate-SDS-PAGE [160]. substrates [1532, 1401, 1856, 2207, 2536, 2267, 1104, 865, 2453]. subtidal [772]. subtilis [2037, 2904, 2169, 3060, 1048, 1137, 1449, 1757, 2470, 2598, 2322, 2689, 1063, 2151, 1873, 2105, 2964, 3290, 2082, 1966, 1883, 1731, 2167]. subtropical [2368, 3328]. subtype [2973]. Success [662, 2394, 286, 1472, 1624, 771, 1165, 1219, 1159]. Successful

[345, 2852, 3416, 483, 2492, 1828]. Succession [2575, 1902]. successive [2103, 1761]. suckers [146, 145, 153]. suecica [818, 1461, 1823, 209, 2691]. sugar [2026]. Sugarcane [2626, 2488]. suggestions [2458]. Suitability [2257, 1380, 2777, 682, 1614, 85]. Suitable [743, 2168, 1973, 2424, 3048, 1401, 2268, 2450]. sul [3271]. Sulawesi [2126]. sulfate [2708, 473, 2213]. sulfated [1887, 2234]. sulfide [2398, 2228]. sulphur [1970, 306]. sulphur-oxidizing [1970]. Sumatra [2251]. Sumich [861]. summer [2916, 398, 1681, 432, 1650]. sunfish [874]. supended [401]. super [2441, 1902, 2303, 3321, 1689]. super-intensive [1902, 2303, 3321, 1689]. super-paramagnetic [2441]. superfamily [2116]. supernatant [2257]. superoxide [1649]. superzist [2008]. supplement [3232, 796, 266, 833, 3106, 2232, 3397, 2567, 3220, 3206, 2019, 2609]. supplemental [2526, 2045, 669]. Supplementary [1584, 579, 908, 1235, 1580, 2817, 1280, 1649]. Supplementation [2964, 2138, 1812, 2059, 2825, 1477, 1972, 2986, 1645, 3234, 1255, 2029, 3227, 2581, 1049, 2907, 2000, 1627, 1319, 1887, 827, 946, 2427, 2992, 1256, 3237, 3198, 1173, 3255, 2923, 1052, 2723, 2724, 2726, 824, 2345, 2073, 1217, 604, 1126, 1278, 1449, 1736, 2040, 1757, 2469, 3251, 2470, 3175, 2941, 1687, 2943, 3348, 346, 1254, 2955, 3122, 2806, 1432, 2079, 2608, 2302, 1719, 1199, 1316, 2304, 2815, 1437, 3199, 2701, 2751, 3210, 1662, 2892, 1517, 2893, 3202, 3134, 3081, 2898, 2824, 2644, 2167]. supplementations [2317, 820]. supplemented [1635, 3334, 2774, 1766, 1563, 1231, 1882, 3062, 1814, 1886, 2151, 1713, 47, 1200, 2179, 2880, 1374, 1966, 1486]. supplementing [3153]. supplements [2253, 3103, 2954, 204]. supplied [1991]. Supply [495, 1076, 687, 2591, 1083, 369]. Supplying [1733]. support [2907, 2951, 3146, 1414]. supporting [3171]. suppressed [2480]. suppressing [3026, 3229]. suppression [2900, 7]. suratensis [2228, 1516]. Suratthani [1786]. Suresh [1284, 1205]. Surface [60, 137, 3094, 2906, 2990, 2065, 370, 1287, 2082, 2243, 2754]. surfacing [2696]. surgery [2357]. Surgical [230, 1303, 776]. surmuletus [1730]. Surubim [2082, 1779]. surveillance [2233, 2737, 3171]. survey [499, 1557, 871, 1575, 2316]. survey-based [2316]. Survival [232, 1635, 500, 568, 235, 2838, 240, 426, 325, 1433, 493, 566, 233, 324, 237, 510, 516, 360, 2749, 2985, 1196, 2549, 731, 2614, 2139, 2646, 1354, 2063, 728, 2989, 3287, 749, 439, 460, 1119, 9, 70, 684, 946, 1100, 3041, 279, 472, 1122, 934, 2521, 3309, 1186, 1612, 350, 438, 458, 832, 816, 1256, 3052, 531, 1874, 257, 1703, 1043, 949, 2143, 1766, 2231, 1340, 3143, 1701, 1439, 1351, 752, 1266, 1487, 841, 757, 1958, 1642, 647, 2592, 2783, 2626, 633, 3289, 988, 65, 1162, 2786, 2852, 2202, 1473, 958, 2262, 2468, 2855, 631]. survival [1211, 1499, 1929, 3327, 805, 2628, 839, 2937, 935, 2444, 401, 2939, 1288, 1742, 1084, 722, 1630, 1796, 1823, 280, 501, 2867, 524, 1554,

517, 518, 913, 1983, 2210, 181, 982, 3200, 373, 1928, 1601, 2636, 469, 464, 1559, 1842, 18, 921, 2298, 2383, 1200, 434, 1712, 331, 369, 2480, 2666, 1830, 702, 431, 968, 2611, 2963, 172, 641, 453, 1367, 3290, 580, 3253, 2305, 1795, 865, 1867, 3377, 724, 814, 1105, 1617, 1820, 208, 1190, 1618, 1794, 2455, 1035, 782, 1280, 1722, 831, 3033, 2432, 2196]. Survivorship [399]. Susceptibility [635, 2200, 2563, 1022, 3089, 3158, 2370, 2931, 1171, 2947, 2810]. susceptible [2248]. Suspended [1778, 1251, 282, 2916, 681, 370, 1703, 793, 383, 2741, 637, 873]. Sustainability [2665, 3090, 819, 2197, 2629, 740, 2264]. Sustainable [2984, 467, 2407, 3058, 2534, 2394, 2757, 2280, 3156, 3238, 3326, 1520, 3390, 2655, 3223, 529, 415, 1549, 709, 1204, 3397, 2862, 3285, 1031, 2510, 2568, 2077, 1111, 3374, 2272, 2961, 2513, 3256, 2640, 3294, 2669, 1051, 2186, 563, 274]. sustainably [1985]. sustained [3193, 195]. sustained-release [195]. sustaining [2746]. Suthers [864]. Svasand [307]. SVC [97]. Svennevig [274]. swamp [1468, 2596, 722, 3213, 3028, 1625, 2752, 3190, 2892, 1148, 1540, 2980]. swarm [1349]. swarms [1626]. Sweden [1382, 1264]. sweet [1989, 2026]. sweetness [1341]. sweetpotato [2479]. Swim [1932, 1084, 1208, 1928]. Swimbladder [1190, 960]. swimmer [1618]. Swimming [355, 1770, 3056, 1127, 935, 2380, 96, 1704, 1111, 2108, 1060, 2455, 1260]. switched [677]. SWOT [2250]. Syda [1284]. sylvestris [2000]. Symphodus [635]. Symphysodon [410, 2799, 850]. symposium [926]. symptoms [1377]. Synbiotic [2904, 3099, 2921, 1901, 3371, 3375, 3006, 2788, 2506, 2610, 2544, 2361, 2893, 3170, 1759, 2493]. synbiotics [2061, 2802, 3022, 2749]. Synchronization [1158, 2750]. Syndrome [569, 2645, 730, 1277, 1887, 3212, 2590, 2722, 1467, 2099, 2375, 2202, 3139, 894, 3010, 2939, 2014, 2471, 2563, 2946, 1773, 2953, 2018, 2805, 2154, 2637, 3410, 559, 1961, 1185, 1059, 1711, 2022, 1331, 1361, 2483]. Synechocystis [3212]. Synechogobius [2556]. Synergistic [3375, 2503, 2954]. synergistically [1952, 2970]. synergy [3208, 2663]. synspilus [1636]. synthase [2700]. Synthesis [812, 2319, 624, 2634, 3074, 611]. synthesized [3334, 3136]. synthetase [980]. Synthetic [570, 2827, 824, 703, 875, 2296]. System [627, 494, 2219, 2364, 54, 2903, 2424, 577, 3036, 1129, 2114, 3186, 3395, 947, 2426, 3401, 2907, 192, 2281, 2830, 1248, 1334, 1286, 2001, 1463, 1836, 1514, 827, 1001, 1529, 1960, 2285, 3099, 3281, 2521, 1558, 2401, 2654, 207, 358, 2717, 3101, 3179, 1532, 2838, 2839, 2464, 3315, 652, 2620, 1555, 2436, 1862, 1989, 1052, 2843, 2146, 2779, 2260, 3176, 3400, 1383, 3059, 2438, 709, 1391, 1606, 3371, 2172, 2377, 3109, 2855, 631, 3006, 2788, 1725, 1598, 2501, 2530, 520, 521, 3215, 1546, 2040, 3153, 1822, 1940, 1953, 2560, 1808, 613, 1593, 2352, 341]. system [1101, 2207, 1497, 3169, 602, 619, 2128, 3119, 2943, 1270, 15,

2505, 3168, 1495, 1893, 2076, 2506, 2567, 371, 2741, 2803, 2636, 1760, 3019, 790, 963, 1898, 1087, 2538, 3268, 2417, 1232, 3126, 2181, 2300, 626, 1365, 3023, 41, 1452, 3247, 3367, 2744, 1677, 3073, 2610, 1302, 2811, 834, 973, 2303, 3356, 1968, 44, 154, 1389, 2967, 2639, 2513, 1462, 2887, 2390, 2084, 2515, 892, 592, 3207, 1318, 2898, 3261, 3170, 2429, 2194, 1355, 2917, 2432, 2196, 2167, 2768]. systematic [2903, 2550, 2710, 1899, 2739, 3171, 2417]. systemic [2473]. Systems [516, 1746, 2394, 1015, 2708, 285, 77, 2334, 2064, 523, 470, 439, 2583, 2762, 548, 1709, 681, 2290, 3355, 3394, 2924, 390, 811, 1061, 1393, 660, 1259, 1168, 1889, 2555, 258, 1849, 2145, 2371, 2342, 3403, 3145, 1198, 1564, 3057, 1861, 388, 1526, 2784, 3399, 2468, 793, 2039, 2378, 627, 1308, 2410, 3066, 722, 2015, 1814, 3353, 333, 1368, 740, 2945, 74, 1983, 1825, 1811, 710, 1639, 3267, 2238, 1937, 763, 3370, 1426, 1107, 3328, 292, 1877, 1053, 1935, 3277, 2453, 1807, 1689, 3135, 1988, 3312, 3177, 1512, 2586, 1152]. Syzygium [2963].

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Tapes [439, 541, 536, 951]. tapetis [635]. Taranto [1336, 543]. tarda [3182, 1548, 3278, 2273, 3078]. target [2763, 3176, 2940]. targeting [1402, 2840, 2684, 2158]. Taura [3010]. taurine [2019, 1350]. tauvina [739]. Taxonomy [374]. TCM [1238]. TCTP [2152]. TDA [3418]. TDA-GLM [3418]. tea [1135, 1662, 1405]. teaching [1414]. tech [3146]. Technical [1058, 1659, 1782, 1115, 1427, 1522, 3177]. technique [2708, 1303, 1514, 627, 339, 2477, 776, 1892, 121]. technique-type [1514]. Techniques [785, 2710, 1375, 970, 2006, 923, 938, 2777, 998, 830, 56, 3303, 1630, 686]. Techno [2348]. Techno-economic [2348]. technologies [1212, 1984, 2161, 725]. Technology [505, 2384, 1671, 2710, 2908, 2400, 1740, 3424, 981, 1202, 2435, 1289, 1259, 1381, 1379, 2347, 3108, 2500, 2596, 3330, 1768, 2794, 2562, 2237, 3285, 2636, 2178, 1946, 1945, 1620, 3125, 3272, 2301, 911, 2363, 2194]. tehuelche [332]. tehuelchus [332]. telemetry [53]. Teleost [484, 856, 1556, 2083, 990]. Teleostei [392, 1828]. Temminck [759]. 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