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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]. OXA [3271]. P1 [3384]. 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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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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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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[3296, 1957, 2116, 3101, 2842, 2073, 3336, 1429, 2381, 465, 3254, 1639, 2545, 2112]. Pathogenicity [2273, 1986, 2487, 140, 2265, 2743, 2613]. pathogens [3040, 2006, 1061, 915, 2408, 2446, 1605, 2663, 1697, 1937, 2214, 3253]. pathological [2630, 1796, 3020, 3021]. pathology [1072]. pathway [3357, 1816, 2422, 2277]. Pathways [2394, 2404, 3026]. Patinopecten [2010, 1318]. Patos [1804]. pattern [562, 3230, 845, 2947, 136, 537, 1799]. patterns [62, 1838, 2251, 106, 3205, 3055, 1209, 2788, 976, 2410, 2566, 2956, 1965, 654]. paulensis [1804, 981, 2103]. Paulownia [2771]. Pavlidis [974]. Pavlova [427]. Pawpaw [2662]. pay [3166]. Paz [566]. Pb [3273, 2702]. PB45 [1668]. Pbk [565, 563]. PBLs [2288]. PCC6803 [3212]. PCR [1479, 1269, 730, 2677, 3047, 1655, 1187, 569, 889, 1435, 1197, 2797, 1065, 1476, 1697, 2213, 2328, 2055]. PCR-based [1269]. PCR-negative [1435]. Pdp11 [1089]. pear [3087]. Pearl [235, 566, 1734, 1281, 2225, 2915, 3309, 1186, 396, 1043, 2721, 954, 719, 1080, 754, 1337, 1480, 1032, 777, 1329, 2013, 401, 1506, 2868, 2955, 139, 469, 1505, 733, 1537, 1195, 3175]. pearlscale [2727]. pearlspot [3389]. Pecten [1129, 349, 707, 613, 1024, 356, 407, 516, 580]. Pectinidae [283]. pectoralis [1800, 2055]. pedigree [1743, 1692]. Pediococcus [2995, 2847, 2243]. pediveliger [2221]. peel [3260, 1274, 2631, 2026]. peelii [2965]. Pelagia [1626]. pelagic [3233, 1003]. pelagicus [935, 1618]. pellet [694]. Pelleted [227, 2719, 388, 1453, 2182, 1682]. pelletization [1858]. pellets [2530]. Pelodiscus [2938, 1012, 1700, 1752]. Pelophylax [3032]. Pelteobagrus [2287, 881, 1488, 1665, 1509]. pen [2624, 1074]. penaei [2032]. penaeid [2115, 793, 26, 140, 2103, 2805, 1114, 2403]. Penaeus [2239, 3085, 2364, 2548, 1907, 3349, 2518, 3092, 1134, 3036, 2759, 3395, 2063, 730, 1290, 3359, 1277, 1119, 2119, 3217, 2914, 2092, 472, 1011, 3099, 2311, 2521, 640, 2312, 1086, 381, 2842, 2722, 3143, 569, 1467, 2726, 2147, 647, 2683, 2232, 1706, 3371, 1791, 511, 958, 3139, 1278, 2731, 2787, 2316, 2500, 3006, 2788, 3112, 3064, 2560, 2860, 2207, 1435, 352, 1741, 2475, 622, 1145, 1475, 3154, 1773, 2506, 373, 2953, 3017, 1994, 2567, 2601, 2802, 1315, 2603, 3152, 1639, 3307, 3257, 559, 3124, 2537, 2511, 1130, 2051, 2052, 2666, 3370, 2610, 2611, 2963, 513]. Penaeus [1302, 952, 2134, 522, 526, 971, 2449, 847, 3368, 891, 2890, 1146, 2818, 1430, 892, 2821, 1644, 3170]. Penang [2389]. Pennisetum [1307]. pens [1804, 1401]. penstyldensovirus [3092]. pentosaceus [2243]. pepo [1989]. pepper [2826]. peptidase [2431]. Peptide [2344, 2189, 3229]. peptides [2615, 3410, 2977]. peptidoglycan [2975]. per2 [2889]. peracetic [1147]. Perca [1166, 2282, 1929, 1171, 486, 1928, 1943, 1937, 1221, 1222, 1938, 363, 443]. Perceived [229, 2316]. perception [2883, 646]. perceptions

[3166, 414, 747, 2535]. Perch [486, 300, 1166, 2282, 2401, 2462, 3176, 1230, 1929, 1171, 493, 2945, 1928, 1943, 3165, 1937, 1221, 1222, 630, 61, 1933, 1948, 1947, 1466, 1744, 363, 443, 2332]. percid [1946, 1945]. percula [2126]. perenurus [479, 573]. Performance [470, 1001, 1567, 222, 2205, 1953, 494, 509, 3321, 2639, 2825, 1033, 1448, 2028, 2705, 2985, 1578, 1772, 1907, 2708, 3219, 3201, 1446, 1194, 1255, 2614, 788, 3036, 799, 3161, 1049, 3039, 1445, 2710, 2000, 3095, 2830, 3391, 1067, 1358, 2002, 2831, 270, 827, 909, 2833, 2428, 3236, 1960, 2914, 2285, 2992, 340, 1997, 2311, 867, 3043, 2651, 2401, 2430, 2402, 3045, 423, 3276, 2919, 2993, 2769, 2836, 3101, 899, 2434, 3393, 2995, 981, 1202, 1173, 3052, 2921, 1923, 2096, 2339, 3248, 1226, 1396, 3315, 3053, 2775, 1676, 3369, 2291, 1328]. performance [1474, 1849, 2371, 1818, 2071, 1456, 1538, 1563, 1047, 1077, 1141, 2437, 2929, 2524, 1188, 2007, 2844, 3145, 2008, 1841, 2726, 1769, 2623, 824, 1135, 768, 2847, 2931, 1364, 8, 50, 29, 975, 1596, 1422, 3061, 305, 3137, 2786, 3172, 2933, 3399, 2172, 1473, 3375, 2686, 1486, 1481, 3264, 3005, 1442, 1278, 1736, 2731, 409, 2317, 1308, 2657, 2790, 2040, 1757, 2469, 2734, 3065, 550, 1312, 2236, 2561, 2597, 1684, 3340, 3242, 1508, 1796, 2503, 3406, 1675, 1433, 1685, 2322, 1368, 1687, 2324, 3119, 2943, 845, 2075, 1590, 1145, 983, 1886, 1773, 2076, 2506, 1714, 2954, 710, 2741, 1478, 3122]. performance [1661, 1428, 2508, 427, 718, 1378, 1559, 2806, 2694, 2662, 3257, 1372, 1376, 3272, 822, 3370, 3022, 1930, 1339, 630, 1426, 820, 2384, 3073, 2745, 2570, 2106, 2963, 121, 2182, 2880, 1723, 1496, 648, 753, 930, 1374, 2108, 3027, 641, 1646, 2882, 3195, 1025, 1795, 3075, 2970, 3199, 2483, 2701, 2887, 1625, 2361, 1537, 2514, 2390, 2453, 2751, 2752, 3190, 1543, 3078, 208, 685, 1840, 1350, 1607, 914, 1148, 2243, 920, 2754, 2160, 2893, 3202, 2245, 1405, 2246, 3319, 3378, 3218, 1649, 939, 831, 1500, 2113, 1731, 3170, 2094, 2493, 246]. performances [2438]. performing [1288]. Pericaridea [358]. period [1216, 2928, 662, 186, 2322, 2538, 1092, 67]. periodicity [2482]. periods [1703, 426, 905]. Perionyx [2283, 3043]. peripheral [2288]. periphery [523]. periphytic [2207]. periphyton [1134, 2488]. Perkinsus [2564]. permeabilizer [2548]. permeable [1758]. permeate [3145]. Perna [1178, 615, 3395, 2281, 1251, 3097, 986, 2102, 2564, 2266, 2638, 2275, 1051]. Pernambuco [1620]. peroxidation [1626, 2293, 1106]. peroxide [16, 1342, 1259, 2293]. Persian [2677, 1227, 1903, 1094, 875, 776]. Persicaria [2920]. persicus [2677, 1227, 1903, 994, 1094, 875, 776]. persistence [1236]. persistent [2798, 343]. perspective [2582, 74, 2799, 1605, 2949, 2950, 1095]. Perspectives [541, 2807, 1180, 53, 2286, 1519, 3012, 737, 1911, 1683, 563]. pertusa [1819]. Peru [2490, 2050]. Peruvian [2465, 3054]. Pesca [3300]. pesticide [2035]. pests [3105, 3316]. pET [3007]. pET-28a [3007].

Pethiyagoda [3258]. Petrie [1283]. PGF [1828]. PGRs [2891]. pH [897, 1958, 325, 1131, 1367, 360, 2640, 870]. Ph.D. [1409]. Phaeodactylum [2585]. Phaeophyceae [1501]. phage [3208, 2605, 2807]. phage-1A [2605]. phagocytic [1912]. phagocytosis [2120, 1981]. Phalacrocorax [656, 2457, 918, 1050]. pharaoh [825]. pharaonis [825, 357, 2575]. pharmacokinetic [620]. Pharmacokinetics [1921, 2837, 891]. Pharmacological [1059]. phase [1628, 2712, 2521, 2096, 203, 1609, 3006, 409, 2529, 2738, 2943, 2610, 2389, 2429, 1759]. phase-dependent [2712]. phased [845]. Phaseolus [3232]. phases [754]. phenol [2479]. phenolic [2487]. Phenoloxidases [2603]. Phenotypic [937, 1743, 2338, 3336, 2799, 3364, 2968, 1341]. phenoxyethanol [578]. Philipose [1284]. philippinarum [439, 871, 705, 536, 829, 951, 3300]. Philippines [417, 805, 2656, 3314]. Philipsson [2365]. philoxeroides [1616, 2753]. phlorotannins [3303]. Phorcus [3230]. phosphate [897, 321, 2205, 826]. phosphate-solubilizing [897]. phosphates [2205]. phosphatidylcholine [166, 2512, 959, 3028]. phospholipids [270, 2922, 433]. phosphoric [2345]. phosphorous [2367]. phosphorus [71, 1672, 827, 2992, 769, 2443, 881, 2598, 1832, 2798, 1586, 3268, 1130, 1339, 969, 1125, 1666, 1625, 1488, 1739, 940]. phosphorus-related [3268]. phosphoryl [1980]. Photo [1588, 2251]. photo-identification [2251]. Photo-thermal [1588]. Photoautotrophic [1858]. Photobacterium [3208, 2406, 2107]. photodynamic [3350, 2176]. photolabile [1092]. Photoperiod [1826, 1313, 220, 2455, 2460, 254, 260, 3352, 408, 1014, 3409, 3024, 997]. Photoperiods [237, 1566, 462, 2349]. photosynthesis [1236, 2240]. Photosynthetic [2850, 2876, 3268]. phototrophic [1902]. Phoxinus [2330, 2889, 2391]. Phragmites [654]. pHs [2814]. Phycidae [629]. phycobiliprotein [2543]. Phylichthyid [2527]. phyllanthin [1417]. Phyllanthus [2842]. phyllosoma [426, 434]. phyllosomata [696]. Phylogenetic [889, 2797, 2966, 3351, 3084]. Physical [227, 1738, 61, 1395, 1053, 2820]. physicochemical [1961]. Physiological [2557, 2729, 1485, 837, 2707, 2986, 3180, 639, 1568, 3393, 779, 3255, 3380, 1314, 1818, 883, 2626, 2933, 1046, 2731, 1244, 3112, 1941, 2042, 2475, 371, 1234, 2804, 931, 3267, 3073, 1723, 2134, 2108, 2813, 2573, 120, 1607, 2391, 2893, 3207, 2278, 1021]. physiology [3095, 3287, 3423, 681, 1118, 1093, 3125, 3265, 3076, 3188]. phytase [1627, 942, 1672, 2992, 2598, 1258, 2882, 762]. phytase-producing [1258]. phytase-sprayed [762]. phytobiotic [2835]. phytobiotics [3002, 3062]. phytochemical [2549]. phytochemicals [2408]. phytoene [2700]. phytogenic [2548, 2430, 2402]. phytoplankton [1334, 1748, 719, 2779, 1006, 1460, 1236, 733, 823]. phytoremediated [2047]. Phytotherapy [2374, 2870]. Piaractus

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Salt [1180, 2708, 2166]. salting [1180]. salts [2179]. saltwater [25]. saltwort [3307]. Salvelinus [481, 1882, 1233, 667, 2156, 1158, 1581]. Salvia [2616]. Sambucus [2381]. same [843]. samphire [1836]. Sample [755, 1273]. samples [1655, 3226]. sampling [2336, 11]. Sanacore [2835]. sand [2946]. Sander [1932, 642, 749, 2257, 1229, 1782, 2339, 1588, 1944, 1169, 1230, 3005, 2855, 1160, 1499, 2529, 1927, 1934, 1940, 1941, 2042, 2945, 2566, 2211, 1165, 1579, 1939, 3018, 1936, 1930, 630, 1933, 1935, 641, 2109, 480, 1159, 1931, 1161, 1942, 2456]. sandwich [33]. sandy [3036]. Sanggou [2123, 1176]. sanguinea [949]. sanitary [1485]. sanitizer [2576]. santolla [1539]. Saponin [233, 2934, 1704, 2801]. Saprolegnia [3203, 3219, 3201, 1980, 2588, 2931, 2381, 2276]. Saprolegniasis [2476, 3203, 2588, 2576]. sarba [3342, 1660]. sarcoplasmic [168]. Sarcotaces [2527]. sardine [2344]. Sargassum [2549, 2526, 1501, 2234, 3127, 1650]. sargus [505, 505]. Sathirathai [552]. satiation [882]. sativa [2257, 1849, 3397, 3269, 3177]. sativum [2929, 2884, 950, 1727]. sativus [2438]. Saudi [2527, 133, 2217]. Saussurea [3014]. Sauvage [1972, 988, 3066, 2329, 711]. Savusavu [3309]. saxatilis [2097, 852, 3130]. Say [802]. SBSBR [793]. scabra [2309]. scalare [1894, 767, 2325, 2328]. scale [1917, 1129, 3401, 2906, 1673, 1001, 2368, 207, 640, 1923, 2495, 31, 2198, 1771, 1647, 756, 1864, 2352, 2412, 1325, 74, 710, 1378, 835, 2213, 2215, 3269, 2697, 2387, 1788, 847, 711, 2160, 3177, 1512]. Scaled [3156, 371]. Scaled-up [3156]. scales [2678, 2834, 1811, 3311]. scallion [1760]. Scallop [277, 516, 285, 286, 605, 109, 349, 276, 282, 106, 279, 707, 138, 260, 1136, 323, 278, 281, 1176, 1351, 2010, 259, 348, 104, 2687, 158, 613, 2445, 280, 102, 287, 332, 108, 101, 283, 105, 790, 111, 311, 103, 112, 100, 284, 967, 407, 580, 1438, 873, 1318, 680]. Scallops [234, 1129, 159, 310, 169, 113, 402, 1024, 2353, 356, 383, 126, 626, 127, 397, 612]. scaly [1219]. scanning [2370]. SCAR [849]. scarce [1906]. Scarfe [700]. SCB [2832]. scenarios [1549]. Scenedesmus [3154, 2094]. scenes [2976]. schedule [701, 10]. schedules [442, 2511]. scheme [788]. scherzeri [1392]. Schinz [3091]. Schizochytrium [2365, 1545]. Schizothorax [3425, 2979, 1729, 1604]. Schlegel [759]. schlegeli [1135, 1297, 742]. schlegelii [2620, 2522, 3336]. schmitti [1393, 1355]. school [2520]. schrenckii [2616, 1857, 2278]. Schultze [1894]. Sciaena [2532]. Sciaenops [1906, 675]. Science [447, 678, 2400, 2886, 1283]. sciences [1413, 1414, 1412]. Scienti.c [554]. scientific [859, 1285, 646]. scientometric [3090, 2359]. scleractinian [781]. scolymus [3252]. Scomberomorus [3288]. scope [402, 1118]. Scophthalmus [470, 1770, 1179, 1996, 1090, 2407, 677, 1977, 2320, 394, 1824, 1108, 748, 2308, 2824]. score [2412]. scores [2769]. Scoring [1050, 2560, 1073]. Scortum [2462, 1466, 1744].

Scotland [791]. screen [1810, 2639]. Screening [2727, 1361, 1494, 2823, 1621, 2464, 1897, 2049, 2158]. SCRV [3082]. scutellaria [2580]. Scylla [2759, 3379, 934, 1377, 545, 546, 423, 3104, 571, 1325, 1368, 1983, 937, 928, 1646, 3291, 933]. SDDV [2213]. SDS [160, 344]. SDS-page [344]. SE [88, 1838]. Sea [88, 507, 307, 1336, 1304, 247, 2624, 1102, 471, 126, 510, 1656, 2886, 2028, 519, 1245, 562, 3271, 2827, 788, 93, 2397, 62, 713, 901, 1708, 2829, 192, 882, 2309, 16, 561, 2911, 3390, 1611, 38, 161, 39, 1906, 1610, 138, 340, 970, 81, 1780, 160, 3164, 2463, 1419, 1622, 390, 2589, 1565, 919, 1004, 888, 886, 405, 1083, 2371, 2231, 281, 1774, 184, 1345, 2345, 3184, 912, 1401, 974, 1606, 123, 2201, 399, 1486, 167, 2935, 3109, 1481, 58, 1864, 984, 839, 889, 1308, 1423, 1681, 3147, 3240, 3282, 3251, 1274, 2941, 1193, 1024, 2043, 578, 3067, 606]. sea [2015, 186, 2353, 165, 983, 380, 309, 3070, 3409, 1332, 339, 367, 383, 136, 1428, 2508, 294, 1767, 2153, 1559, 2806, 1547, 1243, 3220, 3206, 156, 898, 1092, 1712, 2019, 1881, 844, 968, 3335, 1062, 557, 2968, 204, 3265, 3421, 2054, 3277, 386, 1366, 2972, 1003, 1192, 1299, 2451, 2454, 3210, 1403, 2891, 612, 697, 1483, 1607, 1517, 1660, 2978, 1633, 1280, 1318, 1373, 1494, 1650, 3188, 870, 1149, 1341, 3376, 2674, 2396, 500, 2519, 1612, 1782, 807, 1521, 1602, 3230, 1737, 2532, 1113, 806, 2058, 2754, 2820]. sea-based [1681]. sea-bass [2345]. Sea-lice [2886]. Seabass [1193, 2825, 1645, 2655, 3223, 3393, 3248, 1766, 3264, 2440, 2348, 2324, 2797, 1691, 2949, 2950, 2877, 1881, 2667, 3283, 1868, 3128, 1175, 1543, 2024, 914, 2816]. seabirds [637]. Seabream [506, 2758, 815, 1286, 2122, 302, 1465, 3275, 372, 1422, 2851, 1349, 528, 3342, 770, 798, 2948, 1363, 2949, 2950, 464, 2512, 2179, 3127, 1089, 1175, 789, 1029, 685]. seafood [1950, 2594, 690]. seafood-exporting [1950]. seahorse [1358, 2913, 2038, 2444, 544]. seahorses [556]. searching [407]. Seas [815]. Season [486, 480, 150, 281, 2439, 1337, 840, 1159, 1530]. Seasonal [286, 2501, 1593, 55, 657, 1943, 3351, 504, 2186, 873, 62, 381, 1850, 105]. seasonal-like [381]. seasonally [1934]. seasons [25, 113, 2564, 952]. seawater [618, 470, 2830, 548, 1013, 134, 2623, 3058, 1461, 1827, 29, 631, 108, 2176, 1777, 311, 2744, 3130, 2022, 914, 1633]. Seaweed [567, 2628, 2154, 2240, 1683, 699, 2759, 3231, 2988, 1248, 1463, 1253, 3163, 1176, 1878, 3400, 3058, 2592, 2685, 3310, 2177, 2803, 3259, 2269, 3413, 2664, 1272, 2300, 3127, 1719, 847, 990, 3362, 3325, 2969]. Seaweed-based [2240]. seaweeds [1001, 2412, 2181]. sebago [2528]. Sebastes [2620, 2522, 1135, 3336, 1297, 742]. second [852]. secondary [2525, 3004, 1107]. secreted [2587]. sectional [2316]. sections [559]. sector [2582, 1416, 1456, 2730, 3004, 1408, 2640, 2969]. sectors [1411]. securis [1305, 636]. security [2655, 3223, 2495, 2039, 2559]. sedation [2405]. Sedative [785]. sedatives [3287]. sedentary [2210]. sediment [1534, 1587, 56, 2626, 2410, 1749, 1726, 1741, 1279, 2134,

3079, 1494, 1424]. Sedimentation [227]. sediments [1099, 2688, 2798, 1272, 1961, 386]. seed [1907, 1557, 1377, 2095, 178, 927, 3106, 1596, 1864, 3348, 2662, 442, 1200, 2273, 133, 1437, 1807, 1260]. seeded [2353]. seeding [1569, 356, 2638]. seedling [2497, 3321]. seedlings [2377]. seeds [1595]. Seeking [1938]. segment [1140, 3007]. Segmentation [3000, 2485, 2778, 3110, 2976, 2982]. segments [3027]. Segregation [852, 1269, 675, 3415]. Selected [1421, 730, 1708, 1216, 1896, 3289, 1742, 666, 2739, 1087, 766, 2480, 2329, 911]. Selection [2424, 3048, 1263, 2736, 1288, 3129, 1119, 2140, 2286, 1670, 1346, 2772, 1210, 2372, 709, 1127, 1034, 79, 790, 2078, 127, 121, 2543, 865, 3377, 1003, 1761]. Selective [595, 1249, 1557, 1487]. selectivity [1312]. selenium [3219, 3201, 2289, 2769, 3264, 1244, 1254, 2698, 3213]. Selenka [1239, 839, 1003, 1299, 1483, 1607, 1373, 870, 1343]. Self [1136, 2343, 334, 1400, 1591, 2553]. self-feeding [2343, 334, 1591, 2553]. self-help [1400]. Self-thinning [1136]. Semantic [3000]. semen [743, 2477]. Semi [245, 93, 795, 2843, 1580, 1941, 2042, 1585, 352, 2599, 2239, 2511, 1968]. semi-arid [2599]. semi-artificial [1941, 2042]. semi-automated [1968]. semi-intensive [93, 1290, 795, 2843, 1580, 1585, 352, 2239, 2511]. semicircle [1375]. semicirculatus [1375]. semilaevis [1320]. Seminal [484, 1216, 1996, 2315, 454, 2740]. semisulcatus [2063, 513]. Semisulcospira [880]. Semper [2829]. Senegal [572]. senegalensis [867, 501, 1091, 1089]. Senegalese [721, 501, 1091, 1089]. sensed [2990, 790]. sensitive [3228, 3010, 2974]. Sensitivity [778, 2557, 2213, 1003]. sensitized [2288]. sensor [57, 3023]. sensor-based [3023]. sensors [3115]. Sensory [372, 1180, 3317, 1880, 2026]. sensu [3316]. sentiment [3042]. Sepia [825, 350, 391, 438, 458, 568, 712, 773, 832, 357, 1918, 468, 628, 2575]. Sepiella [3229]. septicaemia [1663]. septicemia [987, 2783, 1301, 1806, 3338, 2299, 2011, 3068]. seq [3385, 3366]. sequence [2366, 2261, 777, 1544, 2242]. sequences [1154]. sequencing [2721, 2046, 2326, 1544, 2545, 2161]. Serbia [1979]. serial [1131]. serial-use [1131]. series [1117]. Seriola [2398, 495, 1244, 794, 1312, 1084, 694, 2884]. seriolae [2398, 794, 1969, 1744, 3249]. serious [2663]. serotyping [3098]. Serovar [343]. serpulid [3314]. Serrasalmidae [2310, 2226, 2035]. serrata [3379, 934, 1377, 545, 546, 571, 1325, 1368, 937, 928]. Serum [220, 85, 1321, 2291, 755, 2438, 2201, 604, 794, 3009, 2075, 136, 400, 820, 1496, 2452, 3076, 1840, 1360, 2977, 735, 1561]. service [2542]. services [1853, 1525]. sesame [1258]. sesamin [1163]. sessilis [1252]. set [124, 1390]. seticornis [2646]. sets [1187]. settlement [615, 795, 106, 2991, 1612, 640, 103, 2306]. settlements [105]. settler

[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,

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urchins [192, 399, 2978, 1650]. urea [400]. urine [1066]. urmiana [1063]. urolepis [2782, 1508, 3024]. Urophycis [629]. Uroteuthis [2680]. US$ [553]. USA [159, 1853, 278, 809, 2321, 808]. Usage [2018, 3243]. Use [69, 344, 1303, 192, 1673, 3095, 3287, 3040, 2253, 13, 196, 757, 853, 87, 829, 1777, 2877, 2608, 3022, 1452, 1036, 1089, 1366, 3301, 2653, 1545, 1915, 947, 16, 1603, 1672, 2368, 2654, 2655, 3223, 350, 842, 2145, 1307, 1521, 1002, 1725, 1598, 3114, 917, 96, 2016, 1131, 2870, 2871, 1386, 83, 1332, 494, 634, 2477, 1623, 1528, 400, 2267, 20, 835, 3307, 1892, 1414, 2275, 2329, 3279, 1466]. used [1075, 1068, 1084, 1902, 1825, 2536, 1717, 2883, 491]. useful [1197, 2360]. Using [2990, 1568, 531, 3106, 2627, 2175, 1107, 628, 483, 1203, 3133, 2713, 3357, 1479, 2707, 4, 3232, 3186, 2906, 2251, 3246, 2677, 1281, 2830, 890, 2762, 3346, 2001, 942, 1859, 796, 2140, 2065, 2337, 3042, 1743, 1402, 1740, 3047, 3050, 301, 966, 2314, 1086, 2556, 94, 833, 2776, 2777, 2778, 998, 2623, 1810, 56, 515, 1291, 388, 168, 1160, 199, 2529, 1819, 2732, 1156, 2596, 1349, 1953, 2792, 2235, 3115, 2794, 1585, 3148, 3117, 576, 1506, 433, 2046, 2946, 389, 2047, 3016, 337, 2296, 371, 2178, 2416, 1594, 1287, 790, 559, 2695, 1502, 1712, 961, 1232, 2299, 3022, 3209]. using [2879, 2697, 2241, 3356, 185, 2881, 1570, 1158, 1246, 581, 874, 893, 2453, 1146, 2085, 2982, 1352, 2194, 1831]. ussuriensis [1716]. Utilisation [226, 846, 1580, 312, 766, 1942, 2456]. Utilising [2216]. Utility [967]. Utilization [1907, 64, 540, 221, 3358, 1020, 2986, 2827, 2614, 799, 882, 1716, 909, 780, 1766, 1340, 1563, 1047, 1141, 2344, 1552, 1706, 2847, 1364, 2686, 1040, 3264, 1265, 2012, 3008, 1699, 3419, 550, 606, 342, 1687, 268, 1026, 1208, 90, 2358, 1200, 3165, 837, 2611, 2542, 3130, 2970, 3199, 685, 914, 940]. Utilizing [1375, 3068, 3014, 2254, 2733, 3141, 3280]. UV [3181, 1861, 1156]. UV-A-induced [3181]. UV-irradiated [1156].

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