Raffaele Riccio

List of Publications by Citations

249 papers	7,524 citations	44 h-index	71 g-index
283 ext. papers	8,283 ext. citations	4.7 avg, IF	5.4 L-index

#	Paper	IF	Citations
249	Determination of relative configuration in organic compounds by NMR spectroscopy and computational methods. *Chemical Reviews*, **2007**, 107, 3744-79	68.1	434
248	Polyoxygenated steroids of marine origin. *Chemical Reviews*, **1993**, 93, 1839-1895	68.1	247
247	Structure validation of natural products by quantum-mechanical GIAO calculations of 13C NMR chemical shifts. *Chemistry - A European Journal*, **2002**, 8, 3233-9	4.8	197
246	New bisindole alkaloids of the topsentin and hamacanthin classes from the Mediterranean marine sponge Rhaphisia lacazei. *Journal of Natural Products*, **2000**, 63, 447-51	4.9	177
245	New bromo-pyrrole derivatives from the sponge Agelas oroides. *Challenge*, **1971**, 1129	0.8	166
244	Avarol a novel sesquiterpenoid hydroquinone with a rearranged drimane skeleton from the sponge. *Tetrahedron Letters*, **1974**, 15, 3401-3404	2	157
243	Comparison of different theory models and basis sets in the calculation of 13C NMR chemical shifts of natural products. *Magnetic Resonance in Chemistry*, **2004**, 42 Spec no, S26-33	2.1	154
242	Determination of the relative stereochemistry of flexible organic compounds by Ab initio methods: conformational analysis and Boltzmann-averaged GIAO 13C NMR chemical shifts. *Chemistry - A European Journal*, **2002**, 8, 3240-5	4.8	153
241	Further brominated bis- and tris-indole alkaloids from the deep-water New Caledonian marine sponge Orina Sp. *Journal of Natural Products*, **1995**, 58, 1254-60	4.9	136
240	Structure-based discovery of inhibitors of microsomal prostaglandin E2 synthase-1, 5-lipoxygenase and 5-lipoxygenase-activating protein: promising hits for the development of new anti-inflammatory agents. *Journal of Medicinal Chemistry*, **2011**, 54, 1565-75	8.3	121
239	Polycyclic guanidine alkaloids from the marine sponge Crambe crambe and Ca++ channel blocker activity of crambescidin 816. *Journal of Natural Products*, **1993**, 56, 1007-15	4.9	89
238	Dactylolide, a New Cytotoxic Macrolide from the Vanuatu Sponge Dactylospongia sp.. *European Journal of Organic Chemistry*, **2001**, 2001, 775-778	3.2	87
237	Quantum Mechanical Calculation of NMR Parameters in the Stereostructural Determination of Natural Products. *European Journal of Organic Chemistry*, **2010**, 2010, 1411-1434	3.2	84
236	Dragmacidin F: A New Antiviral Bromoindole Alkaloid from the Mediterranean Sponge Halicortex sp.. *Tetrahedron*, **2000**, 56, 3743-3748	2.4	83
235	Molecular insights into azumamide e histone deacetylases inhibitory activity. *Journal of the American Chemical Society*, **2007**, 129, 3007-12	16.4	81
234	Structures of dictyodial and dictyolactone, unusual marine diterpenoids. *Journal of Organic Chemistry*, **1979**, 44, 2044-2047	4.2	78
233	Biological activity of saponins and saponin-like compounds from starfish and brittle-stars. *Toxicon*, **1989**, 27, 179-88	2.8	74

232	The gymnochromes: novel marine brominated phenanthroperylenequinone pigments from the stalked crinoid Gymnocrinus richeri. *Journal of Organic Chemistry*, **1991**, 56, 6781-6787	4.2	70
231	Modulation of tau protein fibrillization by oleocanthal. *Journal of Natural Products*, **2012**, 75, 1584-8	4.9	69
230	Ptilomycalin A, crambescidin 800 and related new highly cytotoxic guanidine alkaloids from the starfishes Fromia monilis and Celerina heffernani. *Tetrahedron*, **1995**, 51, 3675-3682	2.4	69
229	The absolute configuration of avarol, a rearranged sesquiterpenoid hydroquinone from a marine sponge. *Journal of the Chemical Society Perkin Transactions 1*, **1976**, 1408		69
228	New insights on the interaction mechanism between tau protein and oleocanthal, an extra-virgin olive-oil bioactive component. *Food and Function*, **2011**, 2, 423-8	6.1	68
227	HIV-inhibitory natural products. 11. Comparative studies of sulfated sterols from marine invertebrates. *Journal of Medicinal Chemistry*, **1994**, 37, 793-7	8.3	66
226	Two new guanidine alkaloids from the mediterranean sponge crambe crambe.. *Tetrahedron Letters*, **1990**, 31, 6531-6534	2	64
225	Novel marine polyhydroxylated steroids from the starfish Myxoderma platyacanthum. *Journal of Organic Chemistry*, **1991**, 56, 1146-1153	4.2	64
224	Jaspamide from the Marine Sponge Jaspis johnstoni. *Journal of Natural Products*, **1987**, 50, 994-995	4.9	64
223	Quantum mechanical calculations of NMR J coupling values in the determination of relative configuration in organic compounds. *Organic Letters*, **2004**, 6, 1025-8	6.2	61
222	A triterpenoid pigment with the isomalabaricane skeleton from the marine sponge .. *Tetrahedron Letters*, **1982**, 23, 3307-3310	2	61
221	Tolaasins A--E, five new lipodepsipeptides produced by Pseudomonas tolaasii. *Journal of Natural Products*, **2004**, 67, 811-6	4.9	60
220	Chemical and biological investigation of the polar constituents of the starfish Luidia clathrata, collected in the Gulf of Mexico. *Journal of Natural Products*, **1995**, 58, 653-71	4.9	55
219	(+/-)-Gelliusines A and B, two diastereomeric brominated tris-indole alkaloids from a deep water new caledonian marine sponge (Gellius or Orina sp.). *Journal of Natural Products*, **1994**, 57, 1294-9	4.9	55
218	Synthesis and pharmacological evaluation of a selected library of new potential anti-inflammatory agents bearing the gamma-hydroxybutenolide scaffold: a new class of inhibitors of prostanoid production through the selective modulation of microsomal prostaglandin E synthase-1 expression. *Journal of Medicinal Chemistry*, **2007**, 50, 2176-84	8.3	54
217	Structural basis for the design and synthesis of selective HDAC inhibitors. *Bioorganic and Medicinal Chemistry*, **2013**, 21, 3795-807	3.4	52
216	Inverse virtual screening of antitumor targets: pilot study on a small database of natural bioactive compounds. *Journal of Natural Products*, **2011**, 74, 1401-7	4.9	52
215	9H-purine scaffold reveals induced-fit pocket plasticity of the BRD9 bromodomain. *Journal of Medicinal Chemistry*, **2015**, 58, 2718-36	8.3	50

214	Inverse Virtual Screening allows the discovery of the biological activity of natural compounds. *Bioorganic and Medicinal Chemistry*, **2012**, 20, 3596-602	3.4	49
213	Chemistry and biology of anti-inflammatory marine natural products: molecules interfering with cyclooxygenase, NF-kappaB and other unidentified targets. *Current Medicinal Chemistry*, **2006**, 13, 1947-69	4.3	47
212	Crambines C1 and C2: Two Further Ichthyotoxic Guanidine Alkaloids from the Sponge Crambe crambe. *Journal of Natural Products*, **1992**, 55, 528-32	4.9	47
211	New steroids with a rearranged skeleton as (h)P300 inhibitors from the sponge Theonella swinhoei. *Organic Letters*, **2014**, 16, 2224-7	6.2	46
210	Chemical proteomics-driven discovery of oleocanthal as an Hsp90 inhibitor. *Chemical Communications*, **2013**, 49, 5844-6	5.8	46
209	Quantum chemical calculations of 1J(CC) coupling constants for the stereochemical determination of organic compounds. *Organic Letters*, **2013**, 15, 654-7	6.2	46
208	Spongidepsin, a new cytotoxic macrolide from Spongia sp.. *Tetrahedron*, **2001**, 57, 6257-6260	2.4	46
207	Synthesis, structural aspects and cytotoxicity of the natural cyclopeptides yunnanins A, C and phakellistatins 1, 10. *Tetrahedron*, **2003**, 59, 10203-10211	2.4	44
206	Structure chacterization by two-dimensional NMR spectroscopy, of two marine triterpene oligoglycosides from a pacific sponge of the genusErylus. *Tetrahedron*, **1992**, 48, 491-498	2.4	44
205	Further perhydroazulene diterpenes from marine organisms. *Experientia*, **1977**, 33, 413-5		44
204	Exploration of the dihydropyrimidine scaffold for the development of new potential anti-inflammatory agents blocking prostaglandin E□synthase-1 enzyme (mPGES-1). *European Journal of Medicinal Chemistry*, **2014**, 80, 407-15	6.8	43
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202	Chemical proteomics discloses petrosapongiolide M, an antiinflammatory marine sesterterpene, as a proteasome inhibitor. *Angewandte Chemie - International Edition*, **2010**, 49, 3960-3	16.4	42
201	Quantum mechanical calculations of conformationally relevant 1H and 13C NMR chemical shifts of calixarene systems. *Organic Letters*, **2005**, 7, 5757-60	6.2	40
200	Steroidal oligoglycosides and polyhydroxysteroids from echinoderms. *Progress in the Chemistry of Organic Natural Products*, **1993**, 62, 75-308	1.9	40
199	Kakelokelose, a sulfated mannose polysaccharide with anti-HIV activity from the Pacific tunicate Didemnum molle. *Tetrahedron Letters*, **1996**, 37, 1979-1982	2	39
198	Structural Insights for the Optimization of Dihydropyrimidin-2(1H)-one Based mPGES-1 Inhibitors. *ACS Medicinal Chemistry Letters*, **2015**, 6, 187-91	4.3	38
197	Design and synthesis of a second series of triazole-based compounds as potent dual mPGES-1 and 5-lipoxygenase inhibitors. *European Journal of Medicinal Chemistry*, **2012**, 54, 311-23	6.8	37

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195	Bioactive Prenylhydroquinone Sulfates and a Novel C31 Furanoterpene Alcohol Sulfate from the Marine Sponge, Ircinia Sp.. *Journal of Natural Products*, **1995**, 58, 1444-1449	4.9	37
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186	Starfish saponins, part 46. Steroidal glycosides and polyhydroxysteroids from the starfish Culcita novaeguineae. *Journal of Natural Products*, **1991**, 54, 1254-64	4.9	34
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175	Starfish saponins, 52. Chemical constituents from the starfish Echinaster brasiliensis. *Journal of Natural Products*, **1993**, 56, 2149-62	4.9	29
174	Jereisterol A and B : Two 3Ξmethoxy-secosteroids from the pacific sponge Jereicopsis graphidiophora.. *Tetrahedron Letters*, **1991**, 32, 2149-2152	2	29
173	Novel marine steroid sulfates from Pacific ophiuroids. *Journal of Organic Chemistry*, **1987**, 52, 3947-3952	4.2	29
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170	Starfish saponins. Part 5. Structure of sepositoside A, a novel steroidal cyclic glycoside from the starfish Echinaster sepositus. *Journal of the Chemical Society Perkin Transactions 1*, **1981**, 1855		29
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153	Starfish Saponins XXX. Isolation of Sixteen Steroidal Glycosides and Three Polyhydroxysteroids from the Mediterranean Starfish Coscinasterias Tenuispina. *Bulletin Des Soci□s Chimiques Belges*, **2010**, 95, 869-893		25
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136	Starfish Saponins, Part 43. Structures of Two New Sulfated Steroidal Fucofuranosides (Imbricatosides A and B) and Six New Polyhydroxysteroids from the Starfish Dermasterias imbricata. *Journal of Natural Products*, **1990**, 53, 366-374	4.9	20
135	Immunomodulatory Biscembranoids and Assignment of Their Relative and Absolute Configurations: Data Set Modulation in the Density Functional Theory/Nuclear Magnetic Resonance Approach. *Journal of Natural Products*, **2019**, 82, 1264-1273	4.9	19
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