## Pascal Richomme

List of Publications by Year in descending order

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136950 197818 3,143 118 32 49 citations h-index g-index papers 118 118 118 4078 times ranked docs citations citing authors all docs

#	Article	IF	CITATIONS
1	Semisynthetic Vitamin E Derivatives as Potent Antibacterial Agents against Resistant Gramâ€Positive Pathogens. ChemMedChem, 2021, 16, 881-890.	3.2	4
2	Using <sup>13</sup> Câ€NMR dereplication to aid in the identification of xanthones present in the stem bark extract of <scp><i>Calophyllum brasiliense</i></scp> . Phytochemical Analysis, 2021, 32, 1102-1109.	2.4	7
3	Exploration of Long-Chain Vitamin E Metabolites for the Discovery of a Highly Potent, Orally Effective, and Metabolically Stable 5-LOX Inhibitor that Limits Inflammation. Journal of Medicinal Chemistry, 2021, 64, 11496-11526.	6.4	7
4	Toxicity and mode of action of the aporphine plant alkaloid liriodenine on the insect GABA receptor. Toxicon, 2021, 201, 141-147.	1.6	4
5	Clusia suborbicularis is not a synonym of Clusia flava: Molecular and metabolomic evidence. Taxon, 2021, 70, 1229.	0.7	O
6	Antiâ€AGE activity of poplarâ€type propolis: mechanism of action of main phenolic compounds. International Journal of Food Science and Technology, 2020, 55, 453-460.	2.7	25
7	Absolute Configuration of Mycosporine-Like Amino Acids, Their Wound Healing Properties and In Vitro Anti-Aging Effects. Marine Drugs, 2020, 18, 35.	4.6	30
8	Matrix-Free Laser Desorption Ionization Mass Spectrometry as an Efficient Tool for the Rapid Detection of Opiates in Crude Extracts of <i>Papaver somniferum</i> Journal of Agricultural and Food Chemistry, 2020, 68, 884-891.	5.2	12
9	A thorough evaluation of matrix-free laser desorption ionization on structurally diverse alkaloids and their direct detection in plant extracts. Analytical and Bioanalytical Chemistry, 2020, 412, 7405-7416.	3.7	4
10	Targeting MHC Regulation Using Polycyclic Polyprenylated Acylphloroglucinols Isolated from Garcinia bancana. Biomolecules, 2020, 10, 1266.	4.0	10
11	MixONat, a Software for the Dereplication of Mixtures Based on <sup>13</sup> C NMR Spectroscopy.  Analytical Chemistry, 2020, 92, 8793-8801.	6.5	27
12	Structure-based design, semi-synthesis and anti-inflammatory activity of tocotrienolic amides as 5-lipoxygenase inhibitors. European Journal of Medicinal Chemistry, 2020, 202, 112518.	5.5	9
13	Efficient Semi-Synthesis of Natural $\hat{\Gamma}$ -( <i>&gt;R</i> )-Tocotrienols from a Renewable Vegetal Source. Journal of Natural Products, 2019, 82, 51-58.	3.0	9
14	Mycolactone as Analgesic: Subcutaneous Bioavailability Parameters. Frontiers in Pharmacology, 2019, 10, 378.	3.5	9
15	Botanical origin of triterpenoids from Yucatecan propolis. Phytochemistry Letters, 2019, 29, 25-29.	1.2	13
16	Concise semisynthesis of novel phenazine-vitamin E hybrids via regioselective tocopheryl ortho -quinone formation. Tetrahedron Letters, 2018, 59, 2627-2630.	1.4	4
17	13C-NMR dereplication of Garcinia extracts: Predicted chemical shifts as reliable databases. Fìtoterapì¢, 2018, 131, 59-64.	2.2	18
18	Secondary metabolites from lichen as potent inhibitors of advanced glycation end products and vasodilative agents. Fìtoterapìâ, 2018, 131, 182-188.	2,2	11

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19	Aldaulactone – An Original Phytotoxic Secondary Metabolite Involved in the Aggressiveness of Alternaria dauci on Carrot. Frontiers in Plant Science, 2018, 9, 502.	3.6	13
20	Matrix-free laser desorption ionization mass spectrometry as a functional tool for the analysis and differentiation of complex phenolic mixtures in propolis: a new approach to quality control. Analytical and Bioanalytical Chemistry, 2018, 410, 6187-6195.	3.7	11
21	Additional Insights into <i>Hypericum perforatum</i> Content: Isolation, Total Synthesis, and Absolute Configuration of Hyperbiphenyls A and B from Immunomodulatory Root Extracts. Journal of Natural Products, 2018, 81, 1850-1859.	3.0	5
22	Bithiophenic MALDI matrices as valuable leads for the selective detection of alkaloids. Analytical and Bioanalytical Chemistry, 2017, 409, 6791-6801.	3.7	3
23	Efficient ortho-formylation in vitamin E series, application to the semi-synthesis of natural 5- and 7-formyl-Î-tocotrienols revealing an unprecedented 5-bromo-7-formyl exchange. Tetrahedron, 2017, 73, 6863-6870.	1.9	7
24	The inherent matrix properties of lichen metabolites in matrixâ€assisted laser desorption ionization timeâ€ofâ€flight mass spectrometry. Rapid Communications in Mass Spectrometry, 2017, 31, 1993-2002.	1.5	7
25	Monitoring the Secretory Behavior of the Rat Adrenal Medulla by High-Performance Liquid Chromatography-Based Catecholamine Assay from Slice Supernatants. Frontiers in Endocrinology, 2017, 8, 248.	3.5	16
26	Coumarins, Xanthones and Related Compounds. Molecules, 2016, 21, 341.	3.8	6
27	Prenylated Polyphenols from Clusiaceae and Calophyllaceae with Immunomodulatory Activity on Endothelial Cells. PLoS ONE, 2016, 11, e0167361.	2.5	12
28	Normal phase HPLC-based activity profiling of non-polar crude plant extracts $\hat{a} \in \text{``acetylcholinesterase}$ inhibiting guttiferones from Montrouziera cauliflora as a case study. Natural Product Research, 2016, 30, 2754-2759.	1.8	3
29	Anti-Advanced glycation end-product and free radical scavenging activity of plants from the yucatecan flora. Pharmacognosy Research (discontinued), 2016, 8, 276.	0.6	20
30	Unusual chemical composition of a Mexican propolis collected in Quintana Roo, Mexico. Journal of Apicultural Research, 2015, 54, 350-357.	1.5	8
31	Identification of Minor Benzoylated 4-Phenylcoumarins from a Mammea neurophylla Bark Extract. Molecules, 2015, 20, 17735-17746.	3.8	7
32	Usnic acid and its versatility as MALDI matrix. Journal of Mass Spectrometry, 2015, 50, 270-274.	1.6	4
33	Matrix-Free UV-Laser Desorption Ionization Mass Spectrometry as a Versatile Approach for Accelerating Dereplication Studies on Lichens. Analytical Chemistry, 2015, 87, 10421-10428.	6.5	50
34	Lepidotol A from <i>Mesua lepidota</i> Inhibits Inflammatory and Immune Mediators in Human Endothelial Cells. Journal of Natural Products, 2015, 78, 2187-2197.	3.0	18
35	Dereplication of Mammea neurophylla metabolites to isolate original 4-phenylcoumarins. Phytochemistry Letters, 2015, 11, 61-68.	1.2	10
36	A tocotrienol series with an oxidative terminal prenyl unit from Garcinia amplexicaulis. Phytochemistry, 2015, 109, 103-110.	2.9	14

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37	Potential of extracts from <i>Saponaria officinalis</i> and <i>Calendula officinalis</i> to modulate <i>in vitro</i> rumen fermentation with respect to their content in saponins. Bioscience, Biotechnology and Biochemistry, 2014, 78, 288-295.	1.3	21
38	Advanced glycation inhibition and protection against endothelial dysfunction induced by coumarins and procyanidins from Mammea neurophylla. FĬtoterapìâ, 2014, 96, 65-75.	2.2	14
39	Chemical Composition, Antioxidant and Anti-AGEs Activities of a French Poplar Type Propolis. Journal of Agricultural and Food Chemistry, 2014, 62, 1344-1351.	5.2	59
40	Mammea-type coumarins from Mammea usambarensis Verdc Biochemical Systematics and Ecology, 2014, 56, 65-67.	1.3	5
41	Partial Resistance of Carrot to Alternaria dauci Correlates with In Vitro Cultured Carrot Cell Resistance to Fungal Exudates. PLoS ONE, 2014, 9, e101008.	2.5	19
42	Polyphenolic Compounds with Anti-Ages Activity from Three Clusiaceae Plants. European Journal of Medicinal Plants, 2014, 4, 1336-1344.	0.5	4
43	Combined anti-ages and antioxidant activities of different solvent extracts of Solanum elaeagnifolium Cav (Solanacea) fruits during ripening and related to their phytochemical compositions. EXCLI Journal, 2014, 13, 1029-42.	0.7	6
44	Fluorescent Self-Assembled Monolayers of Umbelliferone: A Relationship between Contact Angle and Fluorescence. Langmuir, 2013, 29, 10423-10431.	3.5	9
45	Anti-AGEs and antiparasitic activity of an original prenylated isoflavonoid and flavanones isolated from Derris ferruginea. Phytochemistry Letters, 2013, 6, 498-503.	1.2	14
46	Antiangiogenic Tocotrienol Derivatives from <i>Garcinia amplexicaulis</i> . Journal of Natural Products, 2013, 76, 2246-2252.	3.0	19
47	Role of mannitol metabolism in the pathogenicity of the necrotrophic fungus Alternaria brassicicola. Frontiers in Plant Science, 2013, 4, 131.	3.6	31
48	Comparison of Two Methods, UHPLC-UV and UHPLC-MS/MS, for the Quantification of Polyphenols in Cider Apple Juices. Molecules, 2013, 18, 10213-10227.	3.8	33
49	Tuning a 96-Well Microtiter Plate Fluorescence-Based Assay to Identify AGE Inhibitors in Crude Plant Extracts. Molecules, 2013, 18, 14320-14339.	3.8	89
50	New Gastroprotective Labdeneamides from (4S,9R,10R) Methyl 18-carboxy-labda-8,13(E)-diene-15-oate. Planta Medica, 2012, 78, 362-367.	1.3	3
51	Synthesis and evaluation of naphthoic acid derivatives as fluorescent probes to screen advanced glycation end-products breakers. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 6716-6720.	2.2	2
52	Complexes of thiophene-2,3-dicarboxaldehyde bis(oxime) (2,3BTCOH2) with nickel(II) and copper(II): Synthesis, characterization, crystal structure of 2,3BTCOH2. Rearrangement reaction with nickel(II) bromide. Inorganica Chimica Acta, 2012, 392, 433-439.	2.4	0
53	A lanostane aldehyde from Momordica charantia. Phytochemistry Letters, 2012, 5, 682-684.	1.2	8
54	Inhibitory effects of the carrot metabolites 6-methoxymellein and falcarindiol on development of the fungal leaf blight pathogen Alternaria dauci. Physiological and Molecular Plant Pathology, 2012, 80, 58-67.	2.5	35

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55	Preparative Isolation, Fast Centrifugal Partition Chromatography Purification and Biological Activity of Cajaflavanone from <i>Derris ferruginea</i> Stems. Phytochemical Analysis, 2012, 23, 152-158.	2.4	16
56	Selective detection of alkaloids in MALDI-TOF: the introduction of a novel matrix molecule. Analytical and Bioanalytical Chemistry, 2012, 403, 1697-1705.	3.7	6
57	Sesquiterpene lactones from Centaurea tougourensis. Biochemical Systematics and Ecology, 2012, 43, 163-165.	1.3	7
58	Paradoxical effects of polyphenolic compounds from Clusiaceae on angiogenesis. Biochemical Pharmacology, 2012, 83, 514-523.	4.4	11
59	Bioguided fractionation and isolation of natural inhibitors of advanced glycation end-products (AGEs) from Calophyllum flavoramulum. Phytochemistry, 2012, 78, 98-106.	2.9	51
60	Triazolobithiophene Light Absorbing Self-Assembled Monolayers: Synthesis and Mass Spectrometry Applications. Molecules, 2011, 16, 8758-8774.	3.8	5
61	Free and immobilized matrix molecules: impairing ionization by quenching secondary ion formation in laser desorption MS. Journal of Mass Spectrometry, 2011, 46, 884-890.	1.6	5
62	Automating a 96-well microtiter plate assay for identification of AGEs inhibitors or inducers: application to the screening of a small natural compounds library. Analytical and Bioanalytical Chemistry, 2010, 398, 1747-1758.	3.7	34
63	Dihydrochalcones: Implication in resistance to oxidative stress and bioactivities against advanced glycation end-products and vasoconstriction. Phytochemistry, 2010, 71, 443-452.	2.9	89
64	Synthesis of the trans-fusarinine scaffold. Tetrahedron Letters, 2010, 51, 2119-2122.	1.4	7
65	Isoquinolines from the Roots of Thalictrum flavum L. and Their Evaluation as Antiparasitic Compounds. Molecules, 2010, 15, 6476-6484.	3.8	23
66	Hydroxamate siderophores of Scedosporium apiospermum. BioMetals, 2009, 22, 1019-1029.	4.1	40
67	From apple to applesauce: Processing effects on dietary fibres and cell wall polysaccharides. Food Chemistry, 2009, 117, 254-260.	8.2	48
68	Antileishmanial polyphenols from Garcinia vieillardii. Fìtoterapìâ, 2008, 79, 42-46.	2.2	31
69	Multi-grams scale purification of xanthanolides from Xanthium macrocarpum. Journal of Chromatography A, 2007, 1151, 14-19.	3.7	32
70	Structure–activity relationship of natural and synthetic coumarins inhibiting the multidrug transporter P-glycoprotein. Bioorganic and Medicinal Chemistry, 2006, 14, 6979-6987.	3.0	54
71	Three 1-thio- $\hat{l}^2$ -d-glucopyranosides from the seeds of Afrostyrax lepidophyllus Mildbr Carbohydrate Research, 2006, 341, 2799-2802.	2.3	16
72	New cytotoxic guttiferone analogues from Garcinia virgata from New Caledonia. Planta Medica, 2006, 72, 87-9.	1.3	24

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73	Antileishmanial and antifungal activities of xanthanolides isolated from Xanthium macrocarpum. Fìtoterapìâ, 2005, 76, 363-366.	2.2	60
74	Electrolytic electrospray ionization mass spectrometry of quaterthiophene-bridged bisporphyrins: beyond the identification tool. Journal of Mass Spectrometry, 2005, 40, 628-635.	1.6	10
75	Investigation of the Antifungal Activity of Caledonixanthone E and Other Xanthones AgainstAspergillus fumigatus. Planta Medica, 2004, 70, 569-571.	1.3	21
76	Synthesis of 2-hydroxy-3-methylbut-3-enyl substituted coumarins and xanthones as natural products. Application of the Schenck ene reaction of singlet oxygen with ortho-prenylphenol precursors. Tetrahedron, 2004, 60, 2293-2300.	1.9	40
77	Baeckeafrutescens leaf oil from Vietnam: composition and chemical variability. Flavour and Fragrance Journal, 2004, 19, 217-220.	2.6	19
78	A tandem highly stereoselective FeCl3-promoted synthesis of a bisindoline: synthetic utility of radical cations in heterocyclic construction. Tetrahedron, 2004, 60, 11733-11742.	1.9	19
79	Prenylated xanthones and tocotrienols from Garcinia virgata. Phytochemistry, 2004, 65, 2915-2920.	2.9	53
80	Antioxidant Xanthones from Garcinia vieillardii. Journal of Natural Products, 2004, 67, 707-709.	3.0	69
81	Antimalarial xanthones from Calophyllum caledonicum and Garcinia vieillardii. Life Sciences, 2004, 75, 3077-3085.	4.3	95
82	Detailed Physicochemical Characterization of the 2S Storage Protein from Rape (Brassica napusL.). Journal of Agricultural and Food Chemistry, 2004, 52, 5995-6001.	5.2	38
83	Regioselectivity in the ene reaction of singlet oxygen with ortho-prenylphenol derivatives. Tetrahedron, 2003, 59, 5091-5104.	1.9	34
84	Photomechanical Control of the Electronic Properties of Linearπ-Conjugated Systems. Chemistry - A European Journal, 2003, 9, 5297-5306.	3.3	33
85	Covalent association of polyaza macrocyclic units to the electroactive tetrathiafulvalene moiety: synthesis and structural analysis. Comptes Rendus Chimie, 2003, 6, 573-580.	0.5	6
86	Photomechanical Actuation and Manipulation of the Electronic Properties of Linear π-Conjugated Systems. Journal of the American Chemical Society, 2003, 125, 2888-2889.	13.7	61
87	Crown-Annelated Oligothiophenes as Model Compounds for Molecular Actuation. Journal of the American Chemical Society, 2003, 125, 1363-1370.	13.7	74
88	Effect of Local Molecular Structure on the Chain-Length Dependence of the Electronic Properties of Thiophene-Based π-Conjugated Systems. Journal of Organic Chemistry, 2003, 68, 7254-7265.	3.2	72
89	New and Antifungal Xanthones from Calophyllum caledonicum. Planta Medica, 2002, 68, 41-44.	1.3	25
90	Thirteen New Xanthone Derivatives from Calophyllum caledonicum (Clusiaceae). Molecules, 2002, 7, 38-50.	3.8	15

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91	Synthesis of Oligothiophene-Bridged Bisporphyrins and Study of the Linkage Dependence of the Electronic Coupling. Chemistry - A European Journal, 2002, 8, 3027.	3.3	94
92	Novel Cytotoxic 4-Phenylfuranocoumarins from Calophyllum dispar. Journal of Natural Products, 2001, 64, 563-568.	3.0	83
93	Cytotoxic coumarins from Calophyllum dispar. Phytochemistry, 2001, 58, 571-575.	2.9	71
94	Heimiol A, a new dimeric stilbenoid from Neobalanocarpus heimii. Tetrahedron Letters, 2001, 42, 4895-4897.	1.4	26
95	Electrolytic electrospray ionization mass spectrometry of C60-TTF-C60 derivatives: high-resolution mass measurement and molecular ion gas-phase reactivity. Rapid Communications in Mass Spectrometry, 2001, 15, 1708-1712.	1.5	25
96	Tetrathiafulvalene Crowns: Redox-Switchable Ligands. Chemistry - A European Journal, 2001, 7, 447-455.	3.3	102
97	ortho-Prenylphenol photooxygenation as a straightforward access to ortho-(2-hydroxy-3-methylbut-3-enyl)phenols. Tetrahedron Letters, 2000, 41, 4559-4562.	1.4	19
98	New Xanthones from Calophyllum caledonicum. Journal of Natural Products, 2000, 63, 1471-1474.	3.0	39
99	Four New 4-Phenylcoumarins from Calophyllum dispar. Isolation and Hemisynthesis. Heterocycles, 1999, 51, 67.	0.7	18
100	6-Acylcoumarins from Mesua racemosa. Phytochemistry, 1999, 50, 1243-1247.	2.9	43
101	Electroregulated Metal-Binding with a Crown Ether Tetrathiafulvalene Derivative:Â Toward Electrochemically Addressed Metal Cation Sponges. Inorganic Chemistry, 1999, 38, 6096-6100.	4.0	46
102	Aza-Crown Tetrathiafulvalene Derivatives: Synthesis, X-ray Structure, and Metal Complexation Study. European Journal of Organic Chemistry, 1998, 1998, 1861-1865.	2.4	27
103	Synthesis and Cytokinin Activity of New Zeatin Derivatives. Journal of Agricultural and Food Chemistry, 1998, 46, 1577-1582.	5.2	16
104	Functionalization of the cyclodextrin platform with tetrathiafulvalene units: an efficient access towards redox active Langmuir–Blodgett films. Journal of Materials Chemistry, 1997, 7, 2393-2396.	6.7	29
105	Effect of Chain Extension on the Electrochemical and Electronic Properties of Ï∈-Conjugated Soluble Thienylenevinylene Oligomers. Journal of the American Chemical Society, 1997, 119, 10774-10784.	13.7	133
106	Photolysis of 2â€azidopyridines. the behavior of 1â€(2â€azidoâ€6â€chloropyridâ€4â€yl)â€3â€phenylurea, a phot labeling reagent for probing cytokininâ€binding proteins. Journal of Heterocyclic Chemistry, 1996, 33, 1035-1039.	oaffinity 2.6	7
107	A timolol prodrug for improved ocular delivery: Synthesis, conformational study and hydrolysis of palmitoyl timolol malonate. International Journal of Pharmaceutics, 1996, 128, 179-188.	5.2	9
108	Extended hybrid tetrathiafulvalene π-donors with oligothienylenevinylene conjugated spacer groups. Advanced Materials, 1995, 7, 390-394.	21.0	26

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109	Tirucallane triterpenes from the stem bark of Aglaia leucophylla. Phytochemistry, 1995, 40, 1485-1487.	2.9	31
110	Secotirucallane triterpenes from the stem bark of Aglaia leucophylla. Phytochemistry, 1994, 37, 1143-1145.	2.9	12
111	The first evidence for the generation of radicals and formation of electrically conducting molecular materials by protic doping of tetrathiafulvalenes. Advanced Materials, 1994, 6, 298-300.	21.0	59
112	Nouveaux alcalo $\tilde{A}^-$ des isoquinol $\tilde{A}$ ©iques isol $\tilde{A}$ ©s d'une Lauraceae bolivienne: Aniba canelilla H.B.K Canadian Journal of Chemistry, 1993, 71, 1128-1135.	1.1	25
113	New Hydroxylated Spermidine Alkaloids fromPleurostylia opposita(WALL.) MERILL-METCALF. Helvetica Chimica Acta, 1992, 75, 2283-2288.	1.6	13
114	A Novel Leishmanicidal Labdane fromPolyalthia macropoda. Planta Medica, 1991, 57, 552-554.	1.3	31
115	Aryl-2 et alkyl-2 quinoléines nouvelles isolées d'une Rutacée bolivienne: Galipealongiflora. Canadian Journal of Chemistry, 1989, 67, 2116-2118.	1.1	48
116	(-)-Temuconine, a New Bisbenzylisoquinoline Alkaloid from Aristolochia elegans. Journal of Natural Products, 1989, 52, 1374-1375.	3.0	7
117	Four New Crinine-Type Alkaloids from Sternbergia Species. Journal of Natural Products, 1989, 52, 785-791.	3.0	51
118	()-Siculinine: A Lycorine-Type Alkaloid from Sternbergia sicula. Journal of Natural Products, 1989, 52, 1150-1152.	3.0	22