Marc Nazare

List of Publications by Year
in descending order

79 papers	2,515 citations	201575 27 h-index	223716 46 g-index
101 all docs	101 docs citations	101 times ranked	3912 citing authors

#	Article	IF	Citations
1	Mutant KRAS-driven cancers depend on PTPN11/SHP2 phosphatase. Nature Medicine, 2018, 24, 954-960.	15.2	278
2	Evidence for Cï£¿Cl/Cï£¿Brâ‹…â‹…â‹…Ï€ Interactions as an Important Contribution to Proteinâ€“Ligand Binding Affinity. Angewandte Chemie - International Edition, 2009, 48, 2911-2916.	7.2	243
3	A Flexible, Palladium-Catalyzed Indole and Azaindole Synthesis by Direct Annulation of Chloroanilines and Chloroaminopyridines with Ketones. Angewandte Chemie - International Edition, 2004, 43, 4526-4528.	7.2	117
4	Probing the Subpockets of Factor Xa Reveals Two Binding Modes for Inhibitors Based on a 2-Carboxyindole Scaffold:Â A Study Combining Structure-Activity Relationship and X-ray Crystallography. Journal of Medicinal Chemistry, 2005, 48, 4511-4525.	2.9	108
5	A General and Mild Palladiumâ€Catalyzed Domino Reaction for the Synthesis of 2Hâ€Indazoles. Angewandte Chemie - International Edition, 2009, 48, 6879-6882.	7.2	97
6	A pharmacological master key mechanism that unlocks the selectivity filter gate in K ⁺ channels. Science, 2019, 363, 875-880.	6.0	91
7	Structural Requirements for Factor Xa Inhibition by 3-Oxybenzamides with Neutral P1 Substituents:Â Combining X-ray Crystallography, 3D-QSAR, and Tailored Scoring Functions. Journal of Medicinal Chemistry, 2005, 48, 3290-3312.	2.9	69
8	A New Highly Thyrotropin Receptor-Selective Small-Molecule Antagonist with Potential for the Treatment of Graves' Orbitopathy. Thyroid, 2019, 29, 111-123.	2.4	55
9	An Activatable Lanthanide Luminescent Probe for Timeâ€Gated Detection of Nitroreductase in Live Bacteria. Angewandte Chemie - International Edition, 2020, 59, 8512-8516.	7.2	55
10	Fragment Deconstruction of Small, Potent Factorâ€…Xa Inhibitors: Exploring the Superadditivity Energetics of Fragment Linking in Proteinâ€“Ligand Complexes. Angewandte Chemie - International Edition, 2012, 51, 905-911.	7.2	54
11	A general and mild domino approach to substituted 1-aminoindoles. Chemical Communications, 2011, 47, 1042-1044.	2.2	49
12	Synthesis of the (9S,18R) Diastereomer of Cyclamenol A. Angewandte Chemie - International Edition, 2000, 39, 1125-1128.	7.2	48
13	DOTAM Derivatives as Active Cartilage-Targeting Drug Carriers for the Treatment of Osteoarthritis. Bioconjugate Chemistry, 2015, 26, 383-388.	1.8	41
14	Enantiospecific Synthesis of the (9S,18R)-Diastereomer of the Leukocyte Adhesion Inhibitor Cyclamenol A. Chemistry - A European Journal, 2001, 7, 3363-3376.	1.7	40
15	N-[6-(4-Butanoyl-5-methyl-1H-pyrazol-1-yl)pyridazin-3-yl]-5-chloro-1-[2-(4-methylpiperazin-1-yl)-2-oxoethyl]-1H-in (SAR216471), a Novel Intravenous and Oral, Reversible, and Directly Acting P2Y12 Antagonist. Journal of Medicinal Chemistry, 2014, 57, 7293-7316.	2.9	40
16	Discovery of N-[4-(1H-Pyrazolo[3,4-b]pyrazin-6-yl)-phenyl]-sulfonamides as Highly Active and Selective SGK1 Inhibitors. ACS Medicinal Chemistry Letters, 2015, 6, 73-78.	1.3	37
17	Identification and Characterization of a Single Highâ€Affinity Fatty Acid Binding Site in Human Serum Albumin. Angewandte Chemie - International Edition, 2018, 57, 1044-1048.	7.2	36
18	Allosteric Inhibition of a Mammalian Lectin. Journal of the American Chemical Society, 2018, 140, 14915-14925.	6.6	35

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19	A General Palladiumâ€Catalyzed Sonogashira Coupling of Aryl and Heteroaryl Tosylates. Chemistry - A European Journal, 2010, 16, 9986-9989.	1.7	33
20	Revealing cytotoxic substructures in molecules using deep learning. Journal of Computer-Aided Molecular Design, 2020, 34, 731-746.	1.3	33
21	Direct Experimental Evidence for Halogenâ€“Aryl Ï€â€…Interactions in Solution from Molecular Torsion Balances. Angewandte Chemie - International Edition, 2017, 56, 6454-6458.	7.2	32
22	Development of High-Specificity Fluorescent Probes to Enable Cannabinoid Type 2 Receptor Studies in Living Cells. Journal of the American Chemical Society, 2020, 142, 16953-16964.	6.6	31
23	A Direct, Regioselective Palladiumâ€Catalyzed Synthesis of Nâ€Substituted Benzimidazoles and Imidazopyridines. European Journal of Organic Chemistry, 2011, 2011, 234-237.	1.2	30
24	Temperature dependence of cross-effect dynamic nuclear polarization in rotating solids: advantages of elevated temperatures. Physical Chemistry Chemical Physics, 2016, 18, 30696-30704.	1.3	30
25	Discovery of a Novel Series of Tankyrase Inhibitors by a Hybridization Approach. Journal of Medicinal Chemistry, 2017, 60, 10013-10025.	2.9	30
26	A General Oneâ€Pot Synthesis of 2Hâ€Indazoles Using an Organophosphorusâ€“Silane System. Chemistry - A European Journal, 2018, 24, 9090-9100.	1.7	29
27	Identification of High-Affinity P2Y₁₂ Antagonists Based on a Phenylpyrazole Glutamic Acid Piperazine Backbone. Journal of Medicinal Chemistry, 2012, 55, 8615-8629.	2.9	28
28	Selective non-lipid modulator of LPA5 activity in human platelets. Bioorganic and Medicinal Chemistry Letters, 2012, 22, 5239-5243.	1.0	28
29	In Vivo Imaging of MMPâ€13 Activity Using a Specific Polymerâ€FRET Peptide Conjugate Detects Early Osteoarthritis and Inhibitor Efficacy. Advanced Functional Materials, 2018, 28, 1802738.	7.8	26
30	Preclinical Lead Optimization of a 1,2,4-Triazole Based Tankyrase Inhibitor. Journal of Medicinal Chemistry, 2020, 63, 6834-6846.	2.9	25
31	NMR quality control of fragment libraries for screening. Journal of Biomolecular NMR, 2020, 74, 555-563.	1.6	23
32	Small-Molecule Lysophosphatidic Acid Receptor 5 (LPAR5) Antagonists: Versatile Pharmacological Tools to Regulate Inflammatory Signaling in BV-2 Microglia Cells. Frontiers in Cellular Neuroscience, 2019, 13, 531.	1.8	22
33	CellFy: A Cell-Based Fragment Screen against C-Type Lectins. ACS Chemical Biology, 2018, 13, 3229-3235.	1.6	21
34	Designed nanomolar small-molecule inhibitors of Ena/VASP EVH1 interaction impair invasion and extravasation of breast cancer cells. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 29684-29690.	3.3	21
35	Modulation of Hexadecylâ€LPAâ€Mediated Activation of Mast Cells and Microglia by a Chemical Probe for LPA5. ChemBioChem, 2016, 17, 861-865.	1.3	20
36	Enhanced Properties of a Benzimidazole Benzylpyrazole Lysine Demethylase Inhibitor: Mechanism-of-Action, Binding Site Analysis, and Activity in Cellular Models of Prostate Cancer. Journal of Medicinal Chemistry, 2021, 64, 14266-14282.	2.9	20

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37	In vivo visualization of osteoarthritic hypertrophic lesions. Chemical Science, 2015, 6, 6256-6261.	3.7	19
38	Dual-Mode Detection of Bacterial 16S Ribosomal RNA in Tissues. ACS Sensors, 2020, 5, 1650-1656.	4.0	19
39	Novel factor Xa inhibitors based on a benzoic acid scaffold and incorporating a neutral P1 ligand. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 2801-2805.	1.0	18
40	Factor Xa inhibitors based on a 2-carboxyindole scaffold: SAR of neutral P1 substituents. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4191-4195.	1.0	18
41	Chemical fragment arrays for rapid druggability assessment. Chemical Communications, 2016, 52, 9067-9070.	2.2	18
42	Loss of Ptpn11 (Shp2) drives satellite cells into quiescence. ELife, 2017, 6, .	2.8	18
43	A novel nitroreductase-enhanced MRI contrast agent and its potential application in bacterial imaging. Acta Pharmaceutica Sinica B, 2018, 8, 401-408.	5.7	18
44	Organophosphorus-mediated Nâ€“N bond formation: facile access to 3-amino-2H-indazoles. Organic and Biomolecular Chemistry, 2016, 14, 8520-8528.	1.5	17
45	Synthesis of the (9S,18R)-seco acid of the leukocyte adhesion inhibitor cyclamenol A. Tetrahedron Letters, 2000, 41, 625-628.	0.7	16
46	Identification of a Novel Benzimidazole Pyrazolone Scaffold That Inhibits KDM4 Lysine Demethylases and Reduces Proliferation of Prostate Cancer Cells. SLAS Discovery, 2017, 22, 801-812.	1.4	16
47	From Pyrazolones to Azaindoles: Evolution of Active-Site SHP2 Inhibitors Based on Scaffold Hopping and Bioisosteric Replacement. Journal of Medicinal Chemistry, 2020, 63, 14780-14804.	2.9	16
48	Novel factor Xa inhibitors based on a 2-carboxyindole scaffold: SAR of P4 substituents in combination with a neutral P1 ligand. Bioorganic and Medicinal Chemistry Letters, 2004, 14, 4197-4201.	1.0	15
49	A straightforward approach to N -substituted-2 H -indazol-2-amines through reductive cyclization. Tetrahedron Letters, 2017, 58, 1633-1635.	0.7	14
50	Topical inflammasome inhibition with disulfiram prevents irritant contact dermatitis. Clinical and Translational Allergy, 2021, 11, e12045.	1.4	14
51	Development of a 1,2,4-Triazole-Based Lead Tankyrase Inhibitor: Part II. Journal of Medicinal Chemistry, 2021, 64, 17936-17949.	2.9	14
52	Cannabinoid receptor type 2Âligands: an analysis of granted patents since 2010. Pharmaceutical Patent Analyst, 2021, 10, 111-163.	0.4	13
53	Efficient enantioselective synthesis of a Î²-hydroxyepoxide building block for the construction of macrocyclic natural products. Tetrahedron Letters, 1998, 39, 1143-1144.	0.7	12
54	Novel strategy for the preparation of 3-perfluoroalkylated-2H-indazole derivatives. Tetrahedron Letters, 2018, 59, 1813-1815.	0.7	12

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55	Rapid Synthesis of Î³-Halide/Pseudohalide-Substituted Cyanine Sensors with Programmed Generation of Singlet Oxygen. Organic Letters, 2019, 21, 2121-2125.	2.4	12
56	EU-OPENSCREEN: A Novel Collaborative Approach to Facilitate Chemical Biology. SLAS Discovery, 2019, 24, 398-413.	1.4	12
57	Detection of cannabinoid receptor type 2 in native cells and zebrafish with a highly potent, cell-permeable fluorescent probe. Chemical Science, 2022, 13, 5539-5545.	3.7	12
58	Weizhouochrones: Gorgonian-Derived Symmetric Dimers and Their Structure Elucidation Using Anisotropic NMR Combined with DP4+ Probability and CASE-3D. Journal of Natural Products, 2022, 85, 1730-1737.	1.5	11
59	In vivo detection of teriflunomide-derived fluorine signal during neuroinflammation using fluorine MR spectroscopy. Theranostics, 2021, 11, 2490-2504.	4.6	10
60	Probing 2 H â€Indazoles as Templates for SGK1, Tie2, and SRC Kinase Inhibitors. ChemMedChem, 2019, 14, 1514-1527.	1.6	9
61	Pentafluorosulfanyl (SF₅) as a Superior ¹⁹F Magnetic Resonance Reporter Group: Signal Detection and Biological Activity of Teriflunomide Derivatives. ACS Sensors, 2021, 6, 3948-3956.	4.0	9
62	Eine aktivierbare Lanthanoidâ€Lumineszenzsonde fÃ¼r die zeitgesteuerte Detektion von Nitroreduktase in lebenden Bakterien. Angewandte Chemie, 2020, 132, 8590-8594.	1.6	7
63	Tractable synthesis of multipurpose screening compounds with under-represented molecular features for an open access screening platform. Molecular Diversity, 2014, 18, 483-495.	2.1	6
64	Use of a sequential high throughput screening assay to identify novel inhibitors of the eukaryotic SRP-Sec61 targeting/translocation pathway. PLoS ONE, 2018, 13, e0208641.	1.1	6
65	A Palladium-Catalyzed Domino Reaction To Access 3-Amino-2H-indazoles from Hydrazines and 2-Halobenzonitriles. Organic Letters, 2020, 22, 7393-7396.	2.4	6
66	Functional Imaging Using Fluorine (19F) MR Methods: Basic Concepts. Methods in Molecular Biology, 2021, 2216, 279-299.	0.4	6
67	Rational Design of Highly Potent, Selective, and Bioavailable SGK1 Protein Kinase Inhibitors for the Treatment of Osteoarthritis. Journal of Medicinal Chemistry, 2022, 65, 1567-1584.	2.9	6
68	DOTAM-Based, Targeted, Activatable Fluorescent Probes for the Highly Sensitive and Selective Detection of Cancer Cells. Bioconjugate Chemistry, 2021, 32, 702-712.	1.8	5
69	Donor manipulation for constructing a pH sensing thermally activated delayed fluorescent probe to detect alkaliphiles. Talanta, 2022, 246, 123493.	2.9	5
70	5-Aryl-2-(naphtha-1-yl)sulfonamido-thiazol-4(5H)-ones as clathrin inhibitors. Organic and Biomolecular Chemistry, 2016, 14, 11266-11278.	1.5	4
71	Reverse-Design toward Optimized Labeled Chemical Probes â€“ Examples from the Endocannabinoid System. Chimia, 2022, 76, 425.	0.3	4
72	Direct Experimental Evidence for Halogenâ€“Aryl Ï€â€…Interactions in Solution from Molecular Torsion Balances. Angewandte Chemie, 2017, 129, 6554-6558.	1.6	3

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73	Factor Xa Inhibitors Based on a 2-Carboxyindole Scaffold: SAR of Neutral P1 Substituents.. ChemInform, 2004, 35, no.	0.1	0
74	Novel Factor Xa Inhibitors Based on a 2-Carboxyindole Scaffold: SAR of P4 Substituents in Combination with a Neutral P1 Ligand.. ChemInform, 2004, 35, no.	0.1	0
75	A Flexible, Palladium-Catalyzed Indole and Azaindole Synthesis by Direct Annulation of Chloroanilines and Chloroaminopyridines with Ketones.. ChemInform, 2004, 35, no.	0.1	0
76	InnenrÃ¼cktitelbild: Fragment Deconstruction of Small, Potent Factorâ€…Xa Inhibitors: Exploring the Superadditivity Energetics of Fragment Linking in Protein-Ligand Complexes (Angew. Chem. 4/2012). Angewandte Chemie, 2012, 124, 1103-1103.	1.6	0
77	Inside Back Cover: Fragment Deconstruction of Small, Potent Factorâ€…Xa Inhibitors: Exploring the Superadditivity Energetics of Fragment Linking in Protein-Ligand Complexes (Angew. Chem. Int. Ed.) Tj ETQq1 1 0.784314 rgBT /Over	0	
78	Targeting Platelet <scp>G</scp> Proteinâ€Coupled Receptors for Antithrombotic Therapy. Drug Development Research, 2013, 74, 440-449.	1.4	0
79	RÃ¼cktitelbild: Eine aktivierbare Lanthanoidâ€Lumineszenzsonde fÃ¼r die zeitgesteuerte Detektion von Nitroreduktase in lebenden Bakterien (Angew. Chem. 22/2020). Angewandte Chemie, 2020, 132, 8806-8806.	1.6	0