

Jun-Profâ€™Dr Olalla VÃ¡zquez

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

932
citations

393982

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h-index

454577

30
g-index

44
all docs

44
docs citations

44
times ranked

1036
citing authors

#	ARTICLE	IF	CITATIONS
1	Bistable Photoswitch Allows in Vivo Control of Hematopoiesis. ACS Central Science, 2022, 8, 57-66.	5.3	18
2	A Chemical Biology Perspective to Therapeutic Regulation of RNA Splicing in Spinal Muscular Atrophy (SMA). ACS Chemical Biology, 2022, 17, 1293-1307.	1.6	5
3	Synthesis of the <sc> </sc>- and <sc>d</sc>-SH2 domain of the leukaemia oncogene Bcr-Abl. RSC Chemical Biology, 2022, 3, 1008-1012.	2.0	1
4	Ush regulates hemocyte-specific gene expression, fatty acid metabolism and cell cycle progression and cooperates with dNuRD to orchestrate hematopoiesis. PLoS Genetics, 2021, 17, e1009318.	1.5	11
5	Efficient antisense inhibition reveals microRNA-155 to restrain a late-myeloid inflammatory programme in primary human phagocytes. RNA Biology, 2021, 18, 604-618.	1.5	5
6	The Chemical Biologyâ€Medicinal Chemistry Continuum: EFMCâ€™s Vision. ChemBioChem, 2021, 22, 2823-2825.	1.3	7
7	Photopharmacology and Photochemical Biology. ChemPhotoChem, 2021, 5, 1031-1032.	1.5	3
8	4-Methyltrityl-Protected Pyrrole and Imidazole Building Blocks for Solid Phase Synthesis of DNA-Binding Polyamides. Organic Letters, 2020, 22, 533-536.	2.4	2
9	Targeted Protein Degradation as a Promising Tool for Epigenetic Upregulation of Fetal Hemoglobin. ChemMedChem, 2020, 15, 2436-2443.	1.6	7
10	Spicing Up an Interdisciplinary Chemical Biology Course with the Authentic Big Picture of Epigenetic Research. Journal of Chemical Education, 2020, 97, 1316-1326.	1.1	9
11	Bioorthogonal Turnâ€™On BODIPYâ€™Peptide Photosensitizers for Tailored Photodynamic Therapy. Chemistry - A European Journal, 2020, 26, 10014-10023.	1.7	26
12	Photoswitchable peptides for spatiotemporal control of biological functions. Chemical Communications, 2019, 55, 10192-10213.	2.2	77
13	Conditional Singlet Oxygen Generation through a Bioorthogonal DNAâ€™targeted Tetrazine Reaction. Angewandte Chemie - International Edition, 2019, 58, 12868-12873.	7.2	60
14	Gezielte Singulettâ€™Sauerstoffzeugung durch bioorthogonale DNAâ€™basierte Tetrazinâ€™Ligation. Angewandte Chemie, 2019, 131, 13000-13005.	1.6	14
15	<i>ortho</i>-Fluoroazobenzene derivatives as DNA intercalators for photocontrol of DNA and nucleosome binding by visible light. Organic and Biomolecular Chemistry, 2019, 17, 1827-1833.	1.5	30
16	Modulating Proteinâ€™Protein Interactions with Visibleâ€™Lightâ€™Responsive Peptide Backbone Photoswitches. ChemBioChem, 2019, 20, 1417-1429.	1.3	33
17	Titelbild: Gezielte Singulettâ€™Sauerstoffzeugung durch bioorthogonale DNAâ€™basierte Tetrazinâ€™Ligation (Angew. Chem. 37/2019). Angewandte Chemie, 2019, 131, 12849-12849.	1.6	0
18	In search of visible-light photoresponsive peptide nucleic acids (PNAs) for reversible control of DNA hybridization. Beilstein Journal of Organic Chemistry, 2019, 15, 2500-2508.	1.3	14

#	ARTICLE	IF	CITATIONS
19	Bausteine fÄ¼r den Erfolg: Lehren, lernen, Geld einwerben. Nachrichten Aus Der Chemie, 2019, 67, 99-99.	0.0	0
20	Advances in Chemical Biology 2019. Nachrichten Aus Der Chemie, 2019, 67, 79-79.	0.0	0
21	A FarÄ€Red Fluorescent DNA Binder for Interaction Studies of Live MultidrugÄ€Resistant Pathogens and Host Cells. Angewandte Chemie, 2018, 130, 11738-11742.	1.6	5
22	A FarÄ€Red Fluorescent DNA Binder for Interaction Studies of Live MultidrugÄ€Resistant Pathogens and Host Cells. Angewandte Chemie - International Edition, 2018, 57, 11564-11568.	7.2	20
23	Controlled inhibition of methyltransferases using photoswitchable peptidomimetics: towards an epigenetic regulation of leukemia. Chemical Science, 2017, 8, 4612-4618.	3.7	37
24	Neuaufgabe: Zweites German-Spanish Symposium on Frontiers in Chemistry. Nachrichten Aus Der Chemie, 2017, 65, 1251-1251.	0.0	0
25	Potential of Proapoptotic Peptides to Induce the Formation of Giant Plasma Membrane Vesicles with Lipid Domains. ChemBioChem, 2015, 16, 1288-1292.	1.3	2
26	Templated native chemical ligation: peptide chemistry beyond protein synthesis. Journal of Peptide Science, 2014, 20, 78-86.	0.8	38
27	The Î²Î² fold of zinc finger proteins as a âœnaturalâ€protecting group. Chemoselective synthesis of a DNA-binding zinc finger derivative. Chemical Communications, 2014, 50, 2258.	2.2	16
28	Cytotoxic peptideâ€PNA conjugates obtained by RNA-programmed peptidyl transfer with turnover. Chemical Science, 2014, 5, 2850-2854.	3.7	22
29	SequenceÄ€Selective DNA Recognition with Peptideâ€Bisbenzamidine Conjugates. Chemistry - A European Journal, 2013, 19, 9923-9929.	1.7	21
30	Straightforward access to bisbenzamidine DNA binders and their use as versatile adaptors for DNA-promoted processes. Chemical Science, 2012, 3, 2383.	3.7	37
31	Light-controlled DNA binding of bisbenzamidines. Chemical Communications, 2011, 47, 11107.	2.2	41
32	Bis-4-aminobenzamidines: Versatile, Fluorogenic A/T-Selective dsDNA Binders. Organic Letters, 2010, 12, 216-219.	2.4	46
33	dsDNA-triggered energy transfer and lanthanide sensitization processes. Luminescent probing of specific A/T sequences. Chemical Communications, 2010, 46, 5518.	2.2	26
34	Peptide-based fluorescent biosensors. Chemical Society Reviews, 2009, 38, 3348.	18.7	159
35	Efficient DNA Binding and Nuclear Uptake by Distamycin Derivatives Conjugated to OctaÄ€arginine Sequences. ChemBioChem, 2008, 9, 2822-2829.	1.3	28
36	Specific DNA Recognition by a Synthetic, Monomeric Cys₂His₂ ZincÄ€Finger Peptide Conjugated to a MinorÄ€Groove Binder. Angewandte Chemie - International Edition, 2007, 46, 6886-6890.	7.2	53

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37	High Affinity, Sequence Specific DNA Binding by Synthetic Tripyrrole-Peptide Conjugates. Chemistry - A European Journal, 2005, 11, 4171-4178.	1.7	31
38	Light-controlled inhibition of MLL1 methyltransferase by azo-containing peptides: towards optoeigenetic leukemia regulation. , 0, , .		0