

Hassan Bousbaa

List of Publications by Year in descending order

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58
papers

1,956
citations

279798

23
h-index

254184

43
g-index

58
all docs

58
docs citations

58
times ranked

2436
citing authors

#	ARTICLE	IF	CITATIONS
1	Three-Dimensional Spheroids as In Vitro Preclinical Models for Cancer Research. <i>Pharmaceutics</i> , 2020, 12, 1186.	4.5	185
2	Mutations in the Essential Spindle Checkpoint Gene <i>bub1</i> Cause Chromosome Missegregation and Fail to Block Apoptosis in <i>Drosophila</i> . <i>Journal of Cell Biology</i> , 1999, 146, 13-28.	5.2	184
3	Continuous inhalation of nitric oxide protects against development of pulmonary hypertension in chronically hypoxic rats.. <i>Journal of Clinical Investigation</i> , 1994, 94, 578-584.	8.2	117
4	Different spindle checkpoint proteins monitor microtubule attachment and tension at kinetochores in <i>Drosophila</i> cells. <i>Journal of Cell Science</i> , 2004, 117, 1757-1771.	2.0	100
5	Overcoming cisplatin resistance in non-small cell lung cancer with Mad2 silencing siRNA delivered systemically using EGFR-targeted chitosan nanoparticles. <i>Acta Biomaterialia</i> , 2017, 47, 71-80.	8.3	94
6	The Human Spindle Assembly Checkpoint Protein Bub3 Is Required for the Establishment of Efficient Kinetochores-Microtubule Attachments. <i>Molecular Biology of the Cell</i> , 2008, 19, 1798-1813.	2.1	86
7	Localization of the <i>Drosophila</i> checkpoint control protein Bub3 to the kinetochore requires Bub1 but not Zw10 or Rod. <i>Chromosoma</i> , 1998, 107, 376-385.	2.2	84
8	Kinetochore-microtubule interactions are checked by Bub1, Bub3 and BubR1: The dual task of attaching and signalling. <i>Cell Cycle</i> , 2008, 7, 1763-1768.	2.6	70
9	Monitoring the fidelity of mitotic chromosome segregation by the spindle assembly checkpoint. <i>Cell Proliferation</i> , 2011, 44, 391-400.	5.3	62
10	Mitosis inhibitors in anticancer therapy: When blocking the exit becomes a solution. <i>Cancer Letters</i> , 2019, 440-441, 64-81.	7.2	60
11	Mad2 Checkpoint Gene Silencing Using Epidermal Growth Factor Receptor-Targeted Chitosan Nanoparticles in Non-Small Cell Lung Cancer Model. <i>Molecular Pharmaceutics</i> , 2014, 11, 3515-3527.	4.6	55
12	High CDC20 expression is associated with poor prognosis in oral squamous cell carcinoma. <i>Journal of Oral Pathology and Medicine</i> , 2014, 43, 225-231.	2.7	54
13	Biodistribution and pharmacokinetics of Mad2 siRNA-loaded EGFR-targeted chitosan nanoparticles in cisplatin sensitive and resistant lung cancer models. <i>Nanomedicine</i> , 2016, 11, 767-781.	3.3	51
14	New chiral derivatives of xanthenes: Synthesis and investigation of enantioselectivity as inhibitors of growth of human tumor cell lines. <i>Bioorganic and Medicinal Chemistry</i> , 2014, 22, 1049-1062.	3.0	41
15	Cytotoxic effects of submicron- and nano-scale titanium debris released from dental implants: an integrative review. <i>Clinical Oral Investigations</i> , 2021, 25, 1627-1640.	3.0	39
16	Mad2-independent Spindle Assembly Checkpoint Activation and Controlled Metaphase-Anaphase Transition in <i>Drosophila</i> S2 Cells. <i>Molecular Biology of the Cell</i> , 2007, 18, 850-863.	2.1	36
17	EMMPRIN Expression in Oral Squamous Cell Carcinomas: Correlation with Tumor Proliferation and Patient Survival. <i>BioMed Research International</i> , 2014, 2014, 1-9.	1.9	36
18	Maternal expression of the checkpoint protein BubR1 is required for synchrony of syncytial nuclear divisions and polar body arrest in <i>Drosophila melanogaster</i> . <i>Development (Cambridge)</i> , 2005, 132, 4509-4520.	2.5	34

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19	Dynein-dependent transport of spindle assembly checkpoint proteins off kinetochores toward spindle poles. <i>FEBS Letters</i> , 2014, 588, 3265-3273.	2.8	34
20	Non-Small Cell Lung Carcinoma: An Overview on Targeted Therapy. <i>Current Drug Targets</i> , 2015, 16, 1448-1463.	2.1	33
21	Chalcone derivatives targeting mitosis: synthesis, evaluation of antitumor activity and lipophilicity. <i>European Journal of Medicinal Chemistry</i> , 2019, 184, 111752.	5.5	32
22	Prognostic significance of CD44v6, p63, podoplanin and MMP-9 in oral squamous cell carcinomas. <i>Oral Diseases</i> , 2016, 22, 303-312.	3.0	28
23	Second-Generation Antimitotics in Cancer Clinical Trials. <i>Pharmaceutics</i> , 2021, 13, 1011.	4.5	26
24	Mutational analysis of MSX1 and PAX9 genes in Portuguese families with maxillary lateral incisor agenesis. <i>European Journal of Orthodontics</i> , 2010, 32, 582-588.	2.4	25
25	Targeting the Spindle Assembly Checkpoint for Breast Cancer Treatment. <i>Current Cancer Drug Targets</i> , 2015, 15, 272-281.	1.6	25
26	The spindle assembly checkpoint: perspectives in tumorigenesis and cancer therapy. <i>Frontiers in Biology</i> , 2011, 6, 147-155.	0.7	23
27	Evaluation of 2,4-dihydroxy-3,4,5-trimethoxychalcone as antimitotic agent that induces mitotic catastrophe in MCF-7 breast cancer cells. <i>Toxicology Letters</i> , 2014, 229, 393-401.	0.8	23
28	Effects of a Long-standing Challenge on Pulmonary Neuroendocrine Cells of Actively Sensitized Guinea Pigs. <i>The American Review of Respiratory Disease</i> , 1991, 144, 714-717.	2.9	22
29	Screening a Small Library of Xanthenes for Antitumor Activity and Identification of a Hit Compound which Induces Apoptosis. <i>Molecules</i> , 2016, 21, 81.	3.8	22
30	Changes in chromogranin A-immunoreactive guinea-pig pulmonary neuroendocrine cells after sensitization and challenge with ovalbumin. <i>Cell and Tissue Research</i> , 1994, 275, 195-199.	2.9	18
31	Combinatorial-Designed Epidermal Growth Factor Receptor-Targeted Chitosan Nanoparticles for Encapsulation and Delivery of Lipid-Modified Platinum Derivatives in Wild-Type and Resistant Non-Small-Cell Lung Cancer Cells. <i>Molecular Pharmaceutics</i> , 2015, 12, 4466-4477.	4.6	18
32	Spindly and Bub3 expression in oral cancer: Prognostic and therapeutic implications. <i>Oral Diseases</i> , 2019, 25, 1291-1301.	3.0	17
33	Suppression of spindly delays mitotic exit and exacerbates cell death response of cancer cells treated with low doses of paclitaxel. <i>Cancer Letters</i> , 2017, 394, 33-42.	7.2	16
34	Spindle Assembly Checkpoint as a Potential Target in Colorectal Cancer: Current Status and Future Perspectives. <i>Clinical Colorectal Cancer</i> , 2017, 16, 1-8.	2.3	16
35	New Alkoxy Flavone Derivatives Targeting Caspases: Synthesis and Antitumor Activity Evaluation. <i>Molecules</i> , 2019, 24, 129.	3.8	15
36	Acute response of the arterial wall to pulsed laser irradiation. <i>Lasers in Surgery and Medicine</i> , 1993, 13, 412-420.	2.1	14

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37	Clinicopathologic significance of BubR1 and Mad2 overexpression in oral cancer. <i>Oral Diseases</i> , 2015, 21, 713-720.	3.0	14
38	Discovery of a New Xanthone against Glioma: Synthesis and Development of (Pro)liposome Formulations. <i>Molecules</i> , 2019, 24, 409.	3.8	14
39	An Overview of the Spindle Assembly Checkpoint Status in Oral Cancer. <i>BioMed Research International</i> , 2014, 2014, 1-8.	1.9	13
40	Prenylated Chalcone 2 Acts as an Antimitotic Agent and Enhances the Chemosensitivity of Tumor Cells to Paclitaxel. <i>Molecules</i> , 2016, 21, 982.	3.8	12
41	Ycathins B and C and Analogues: Total Synthesis, Lipophilicity and Biological Activities. <i>ChemMedChem</i> , 2020, 15, 749-755.	3.2	12
42	Antagonizing the spindle assembly checkpoint silencing enhances paclitaxel and Navitoclax-mediated apoptosis with distinct mechanistic. <i>Scientific Reports</i> , 2021, 11, 4139.	3.3	12
43	Rat diaphragm during postnatal development. I. Changes in distribution of muscle fibre type and in oxidative potential. <i>Reproduction, Fertility and Development</i> , 1996, 8, 391.	0.4	10
44	Synthesis of New Glycosylated Flavonoids with Inhibitory Activity on Cell Growth. <i>Molecules</i> , 2018, 23, 1093.	3.8	9
45	Generation of Two Paclitaxel-Resistant High-Grade Serous Carcinoma Cell Lines With Increased Expression of P-Glycoprotein. <i>Frontiers in Oncology</i> , 2021, 11, 752127.	2.8	9
46	Synthesis of New Chiral Derivatives of Xanthenes with Enantioselective Effect on Tumor Cell Growth and DNA Crosslinking. <i>ChemistrySelect</i> , 2020, 5, 10285-10291.	1.5	8
47	Novel Anticancer Strategies. <i>Pharmaceutics</i> , 2021, 13, 275.	4.5	8
48	BP-M345, a New Diarylpentanoid with Promising Antimitotic Activity. <i>Molecules</i> , 2021, 26, 7139.	3.8	8
49	Chiral derivatives of xanthenes and benzophenones: Synthesis, enantioseparation, molecular docking, and tumor cell growth inhibition studies. <i>Chirality</i> , 2021, 33, 153-166.	2.6	7
50	BUB3, beyond the Simple Role of Partner. <i>Pharmaceutics</i> , 2022, 14, 1084.	4.5	7
51	Co-silencing of human Bub3 and dynein highlights an antagonistic relationship in regulating kinetochore-microtubule attachments. <i>FEBS Letters</i> , 2015, 589, 3588-3594.	2.8	6
52	A Pyranoxanthone as a Potent Antimitotic and Sensitizer of Cancer Cells to Low Doses of Paclitaxel. <i>Molecules</i> , 2020, 25, 5845.	3.8	6
53	Navitoclax Enhances the Therapeutic Effects of PLK1 Targeting on Lung Cancer Cells in 2D and 3D Culture Systems. <i>Pharmaceutics</i> , 2022, 14, 1209.	4.5	3
54	Tetracyclic Thioxanthene Derivatives: Studies on Fluorescence and Antitumor Activity. <i>Molecules</i> , 2021, 26, 3315.	3.8	2

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55	The Mad2-Binding Protein p31comet as a potential target for human cancer therapy. Current Cancer Drug Targets, 2021, 21, 401-415.	1.6	1
56	<title>Restenosis after pulsed laser irradiation</title>. , 1993, 1878, 145.		0
57	The Kinetochore and Mitosis: Focus on the Regulation and Correction Mechanisms of Chromosome-to-Microtubule Attachments. , 0, , .		0
58	Antimitotic Drugs. , 2014, , 1-2.		0