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Effect of increasing progesterone concentration from Day 3 of pregnancy on subsequent embryo survival and development in beef heifers

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#	Paper	IF	Citations
492	LIPOID GRANULOMA OF THE LUNG FOLLOWING BRONCHOGRAPHY WITH IODIZED OIL. <b>1949</b> , 18, 561-568		11
491	Use of microarray technology to profile gene expression patterns important for reproduction in cattle. <i>Reproduction in Domestic Animals</i> , <b>2008</b> , 43 Suppl 2, 359-67	1.6	25
490	Progesterone regulates FGF10, MET, IGFBP1, and IGFBP3 in the endometrium of the ovine uterus. <i>Biology of Reproduction</i> , <b>2008</b> , 79, 1226-36	3.9	71
489	Discovery of candidate genes and pathways in the endometrium regulating ovine blastocyst growth and conceptus elongation. <i>Physiological Genomics</i> , <b>2009</b> , 39, 85-99	3.6	66
488	Uterine influences on embryogenesis and early placentation in the horse revealed by transfer of day 10 embryos to day 3 recipient mares. <i>Reproduction</i> , <b>2009</b> , 137, 583-93	3.8	22
487	Progesterone and conceptus elongation in cattle: a direct effect on the embryo or an indirect effect via the endometrium?. <i>Reproduction</i> , <b>2009</b> , 138, 507-17	3.8	423
486	Progesterone-regulated changes in endometrial gene expression contribute to advanced conceptus development in cattle. <i>Biology of Reproduction</i> , <b>2009</b> , 81, 784-94	3.9	226
485	Effect of progesterone supplementation in the first week post conception on embryo survival in beef heifers. <i>Theriogenology</i> , <b>2009</b> , 71, 1173-9	2.8	38
484	Evaluation of models to induce low progesterone during the early luteal phase in cattle. <i>Theriogenology</i> , <b>2009</b> , 72, 986-92	2.8	39
483	Effect of liveweight gain of pregnant 15-month-old Angus heifers on the milk intake of their first calves and the liveweight of their first and second calves. <b>2009</b> , 49, 112		3
482	In vitro assessment of progesterone and prostaglandin e(2) production by the corpus luteum in cattle following pharmacological synchronization of estrus. <i>Journal of Reproduction and Development</i> , <b>2009</b> , 55, 170-6	2.1	32
481	Effect of pregnancy and progesterone concentration on expression of genes encoding for transporters or secreted proteins in the bovine endometrium. <i>Physiological Genomics</i> , <b>2010</b> , 41, 53-62	3.6	77
480	Fatores nutricionais associados ^ reproduçã da fmea bovina. <i>Revista Brasileira De Zootecnia</i> , <b>2010</b> , 39, 422-432	1.2	10
479	Expression of progesterone receptor related to the polymorphism in the PGR gene in the rabbit reproductive tract. <i>Journal of Animal Science</i> , <b>2010</b> , 88, 421-7	0.7	10
478	The effect of elevated progesterone and pregnancy status on mRNA expression and localisation of progesterone and oestrogen receptors in the bovine uterus. <i>Reproduction</i> , <b>2010</b> , 140, 143-53	3.8	79
477	Characterisation of endometrial gene expression and metabolic parameters in beef heifers yielding viable or non-viable embryos on Day 7 after insemination. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 987-99	1.8	50
476	Effect of elevated circulating progesterone concentration on bovine blastocyst development and global transcriptome following endoscopic transfer of in vitro produced embryos to the bovine oviduct. <i>Biology of Reproduction</i> , <b>2010</b> , 83, 707-19	3.9	67

475	Select nutrients and their associated transporters are increased in the ovine uterus following early progesterone administration. <i>Biology of Reproduction</i> , <b>2010</b> , 82, 224-31	3.9	39
474	Effects of long-term progesterone on developmental and functional aspects of porcine uterine epithelia and vasculature: progesterone alone does not support development of uterine glands comparable to that of pregnancy. <i>Reproduction</i> , <b>2010</b> , 140, 583-94	3.8	23
473	Factors affecting fertilisation and early embryo quality in single- and superovulated dairy cattle. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 151-8	1.8	90
472	Contribution of the female reproductive tract to low fertility in postpartum lactating dairy cows. <i>Journal of Dairy Science</i> , <b>2010</b> , 93, 1022-9	4	62
471	Pregnancy recognition and abnormal offspring syndrome in cattle. <i>Reproduction, Fertility and Development</i> , <b>2010</b> , 22, 75-87	1.8	40
470	Conceptus-induced changes in the endometrial transcriptome: how soon does the cow know she is pregnant?. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 144-56	3.9	180
469	A review of the causes of poor fertility in high milk producing dairy cows. <i>Animal Reproduction Science</i> , <b>2011</b> , 123, 127-38	2.1	353
468	Administration of human chorionic gonadotropin at embryo transfer induced ovulation of a first wave dominant follicle, and increased progesterone and transfer pregnancy rates. <i>Theriogenology</i> , <b>2011</b> , 75, 1506-15	2.8	22
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463	Evaluation of the uterine environment early in pregnancy establishment to characterise cows with a potentially superior ability to support conceptus survival. <i>Reproduction, Fertility and Development</i> , <b>2011</b> , 23, 737-47	1.8	15
462	Uterine histotroph and conceptus development: select nutrients and secreted phosphoprotein 1 affect mechanistic target of rapamycin cell signaling in ewes. <i>Biology of Reproduction</i> , <b>2011</b> , 85, 1094-107	3.9	62
461	Endometrial expression of progesterone-induced blocking factor and galectins-1, -3, -9, and -3 binding protein in the luteal phase and early pregnancy in cattle. <i>Physiological Genomics</i> , <b>2011</b> , 43, 903-10	3.6	12
460	Effect of reproductive tract environment following controlled ovarian hyperstimulation treatment on embryo development and global transcriptome profile of blastocysts: implications for animal breeding and human assisted reproduction. <b>2011</b> , 26, 1693-707		58
459	Effect of follicular aspiration just before ovulation on corpus luteum characteristics, circulating progesterone concentrations and uterine receptivity in single-ovulating and superstimulated heifers. <i>Reproduction</i> , <b>2012</b> , 143, 673-82	3.8	27
458	Novel aspects of endometrial function: a biological sensor of embryo quality and driver of pregnancy success. <i>Reproduction, Fertility and Development</i> , <b>2011</b> , 24, 68-79	1.8	28

457	FOXL2 is regulated during the bovine estrous cycle and its expression in the endometrium is independent of conceptus-derived interferon tau. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 32	3.9	19
456	Effects of low progesterone on the endometrial transcriptome in cattle. <i>Biology of Reproduction</i> , <b>2012</b> , 87, 124	3.9	55
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453	Effect of asynchronous transfer on bovine embryonic development and relationship with early cycle uterine proteome profiles. <i>Reproduction, Fertility and Development</i> , <b>2012</b> , 24, 962-72	1.8	30
452	Transcriptomic analysis of the bovine endometrium: What is required to establish uterine receptivity to implantation in cattle?. <i>Journal of Reproduction and Development</i> , <b>2012</b> , 58, 189-95	2.1	85
451	Upregulation of interferon-stimulated genes and interleukin-10 in peripheral blood immune cells during early pregnancy in dairy cows. <i>Journal of Reproduction and Development</i> , <b>2012</b> , 58, 84-90	2.1	47
450	Effects of human chorionic gonadotrophin administration on day 5 after oestrus on corpus luteum characteristics, circulating progesterone and conceptus elongation in cattle. <i>Reproduction, Fertility and Development</i> , <b>2012</b> , 24, 472-81	1.8	57
449	Alterations in systemic concentrations of progesterone during the early luteal phase affect RBP4 expression in the bovine uterus. <i>Reproduction, Fertility and Development</i> , <b>2012</b> , 24, 715-22	1.8	15
448	Endometrial response of beef heifers on day 7 following insemination to supraphysiological concentrations of progesterone associated with superovulation. <i>Physiological Genomics</i> , <b>2012</b> , 44, 1107-15	3.6	18
447	Influence of lactation on metabolic characteristics and embryo development in postpartum Holstein dairy cows. <i>Journal of Dairy Science</i> , <b>2012</b> , 95, 3865-76	4	53
446	Endometrial gene expression during early pregnancy differs between fertile and subfertile dairy cow strains. <i>Physiological Genomics</i> , <b>2012</b> , 44, 47-58	3.6	34
445	Expression of nuclear progesterone receptor and progesterone receptor membrane components 1 and 2 in the oviduct of cyclic and pregnant cows during the post-ovulation period. <b>2012</b> , 10, 76		32
444	Interaction of the conceptus and endometrium to establish pregnancy in mammals: role of interleukin 1β. <b>2012</b> , 349, 825-38		65
443	Follicular determinants of pregnancy establishment and maintenance. <b>2012</b> , 349, 649-64		56
442	Improving fertility to timed artificial insemination by manipulation of circulating progesterone concentrations in lactating dairy cattle. <i>Reproduction, Fertility and Development</i> , <b>2011</b> , 24, 238-43	1.8	78
441	Ovarian responses and embryo survival in recipient lactating Holstein cows treated with equine chorionic gonadotropin. <i>Theriogenology</i> , <b>2012</b> , 77, 400-11	2.8	12
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418	Uso do acetato de melengestrol ap3 protocolos de insemina3 artificial em tempo fixo em vacas Nelore mult3paras. <i>Revista Brasileira De Saude E Producao Animal</i> , <b>2014</b> , 15, 425-429	0.8	3
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409	Regulation of the polyamine metabolic pathway in the endometrium of cows during early diestrus. <b>2014</b> , 81, 584-94		7
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407	In vivo embryo production in cows superovulated 1 or 2 days after ovum pick-up. <i>Reproduction, Fertility and Development</i> , <b>2014</b> , 26, 527-32	1.8	3
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396	Development of predictive models for determining fetal age-at-length in belugas ( <i>Delphinapterus leucas</i> ) and their application toward in situ and ex situ population management. <b>2015</b> , 31, 591-611		8
395	New insights into the function of progesterone in early pregnancy. <b>2015</b> , 5, 12-17		8
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392	Intrafollicular Oocyte Transfer (IFOT) of Abattoir-Derived and In Vitro-Matured Oocytes Results in Viable Blastocysts and Birth of Healthy Calves. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 150	3.9	15
391	Maternal serum progesterone concentration and early conceptus development of bovine embryos produced in vivo or in vitro. <b>2015</b> , 52, 75-81		7
390	Early development and function of the corpus luteum and relationship to pregnancy in the buffalo. <i>Theriogenology</i> , <b>2015</b> , 83, 959-67	2.8	18
389	The Role of Endometrial Selectins and Their Ligands on Bovine Conceptus Attachment to the Uterine Epithelium During Peri-Implantation Period. <i>Biology of Reproduction</i> , <b>2015</b> , 93, 46	3.9	20
388	'Conceptualizing' the Endometrium: Identification of Conceptus-Derived Proteins During Early Pregnancy in Cattle. <i>Biology of Reproduction</i> , <b>2015</b> , 92, 156	3.9	51
387	The Role of Progesterone in Maternal Recognition of Pregnancy in Domestic Ruminants. <b>2015</b> , 216, 87-104		14
386	Comparative efficacy of exogenous eCG and progesterone on endogenous progesterone and pregnancy in Holstein cows submitted to timed artificial insemination. <i>Animal Reproduction Science</i> , <b>2015</b> , 162, 88-94	2.1	2

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384	Progesterone supplementation after ovulation: effects on corpus luteum function and on fertility of dairy cows subjected to AI or ET. <i>Theriogenology</i> , <b>2015</b> , 84, 1215-24	2.8	20
383	Modulation of periovulatory endocrine profiles in beef cows: consequences for endometrial glucose transporters and uterine fluid glucose levels. <b>2015</b> , 50, 83-90		13
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381	About the Editor-in-Chief. <b>2016</b> , xix-xx		
380	Development of fixed-time artificial insemination protocols for locally adapted Curraleiro P <sup>2</sup> Duro cows. <b>2016</b> , 68, 1159-1167		2
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362	Birth of healthy calves after intra-follicular transfer (IFOT) of slaughterhouse derived immature bovine oocytes. <i>Theriogenology</i> , <b>2017</b> , 97, 41-49	2.8	12
361	Insights into conceptus elongation and establishment of pregnancy in ruminants. <i>Reproduction, Fertility and Development</i> , <b>2016</b> , 29, 84-100	1.8	35
360	Characterization of luteal dynamics in lactating Holstein cows for 32 days after synchronization of ovulation and timed artificial insemination. <i>Journal of Dairy Science</i> , <b>2017</b> , 100, 9851-9860	4	16
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355	Dynamics of pre- and post-insemination progesterone profiles and insemination outcomes determined by an in-line milk analysis system in primiparous and multiparous Canadian Holstein cows. <i>Theriogenology</i> , <b>2017</b> , 102, 147-153	2.8	11
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152	Sampling protocol for the determination of nutrients and contaminants in fish and other seafood - The EAF-Nansen Programme. <b>2020</b> , 7, 101063		7

151	Nadcap accreditation for heat treatment. <b>2020</b> , 75, 302		
150	miR-524-5p reduces the progression of the BRAF inhibitor-resistant melanoma. <b>2020</b> , 22, 789-799		6
149	Cardiovascular and Pulmonary Challenges After Treatment of Childhood Cancer. <b>2020</b> , 67, 1155-1170		3
148	Hystérectomie voie basse et réparation ligamentaire selon Campbell dans le traitement du prolapsus utérin avec cystocèle d'entraînement : un retour vers le futur. <b>2020</b> , 30, 757-758		
147	Électroporation irréversible du cancer de la prostate localisée: résultats oncologiques et fonctionnels. <b>2020</b> , 30, 837		
146	In silico classifier for early screening of drug-induced torsadogenic risk. <b>2020</b> , 105, 106801		
145	Evaluation of Payer Budget Impact Associated with the Use of Artificial Intelligence in Vitro Diagnostic, Kidneyintelx, to Modify DKD Progression. <b>2020</b> , 75, 819		
144	Incidental low grade mucinous neoplasm of appendix in pregnancy: A case report & literature review. <b>2020</b> , 59, 195-198		
143	Activation of Piezo1 by ultrasonic stimulation and its effect on the permeability of human umbilical vein endothelial cells. <b>2020</b> , 131, 110796		2
142	Development of a micro-mechanical model for the determination of damage properties of cement pastes. <i>Construction and Building Materials</i> , <b>2020</b> , 261, 120514	6.7	6
141	A non-destructive method to assess the status of Posidonia oceanica meadows. <b>2020</b> , 119, 106838		2
140	Liquid-liquid equilibria of aqueous biphasic systems containing 1-alkyl-3-methylimidazolium amino acid ionic liquids with different anions (L-Leucine, L-Valine, L-Lysine) and inorganic salt (tripotassium phosphate, potassium carbonate). <b>2020</b> , 525, 112789		2
139	Synchronized Cardiac Impulses Emerge From Heterogeneous Local Calcium Signals Within and Among Cells of Pacemaker Tissue. <b>2020</b> , 6, 907-931		24
138	Fourier transform infrared spectroscopy of BH3 with the first identification of the $\nu$ band. <b>2020</b> , 373, 111352		0
137	Form of Supplemental Selenium in Vitamin-Mineral Premixes Differentially Affects Early Luteal and Gestational Concentrations of Progesterone, and Postpartum Concentrations of Prolactin in Beef Cows. <i>Animals</i> , <b>2020</b> , 10,	3.1	0
136	Symposium review: Progesterone effects on early embryo development in cattle. <i>Journal of Dairy Science</i> , <b>2020</b> , 103, 8698-8707	4	7
135	Characterization of metabolic and inflammatory profiles of transition dairy cows fed an energy-restricted diet. <i>Journal of Animal Science</i> , <b>2020</b> , 98,	0.7	4
134	Evaluation of the factors that affect the pregnancy rates during embryo transfer in beef heifers. <i>Reproduction in Domestic Animals</i> , <b>2020</b> , 55, 421-428	1.6	2

133	Transcriptome profile and association study revealed gene as a potential quality marker of bovine gametes. <b>2020</b> , 1-15	4
132	Assessment of multiple relaxation time-lattice Boltzmann method framework for non-Newtonian fluid flow simulations. <b>2021</b> , 85, 322-334	7
131	Telehealth Benefits and Barriers. <b>2021</b> , 17, 218-221	62
130	Role of cyclooxygenases and prostaglandins in adult brain neurogenesis. <b>2021</b> , 152, 106498	1
129	[Recommendations for use of the diverse tests for detection of SARS-COV-2 infection]. <b>2021</b> , 31, S40-S48	0
128	Quantifying the Pathways of Latent Heat Dissipation during Droplet Freezing on Cooled Substrates. <b>2021</b> , 164, 120608	13
127	Apelin and chemerin receptors are G protein-coupled receptors involved in metabolic as well as reproductive functions: Potential therapeutic implications?. <b>2021</b> , 16, 86-95	2
126	Transient global amnesia caused by cryptogenic ischemic stroke. <b>2021</b> , 23, 100911	1
125	Environmental and economic perspective of waste-derived activators on alkali-activated mortars. <b>2021</b> , 280, 124651	28
124	Haematology and biochemistry panels in the Ethiopian hedgehog, <i>Paraechinus aethiopicus</i> (Ehrenberg, 1833) from central Saudi Arabia: Establishing reference intervals and assessing variability across sex and hibernation. <b>2021</b> , 33, 101228	
123	Index. <b>2021</b> , 475-480	
122	Subject Index. <b>2021</b> , 557-571	
121	Insights into methyl orange adsorption behavior on a cadmium zeolitic-imidazolate framework Cd-ZIF-8: A joint experimental and theoretical study. <b>2021</b> , 14, 102897	10
120	How to detect eosinophil ETosis (EETosis) and extracellular traps. <b>2021</b> , 70, 19-29	14
119	Parallel machine scheduling with the total weighted delivery time performance measure in distributed manufacturing. <b>2021</b> , 127, 105126	3
118	Gradient electrospinning and controlled pyrolysis derived Fe O @N-doped carbon nanorods towards enhanced lithium storage. <b>2021</b> , 851, 156097	3
117	Hot deformation analysis and microstructure evolution of AlâMgâMn-Sc-Zr alloy by isothermal compression. <b>2021</b> , 858, 157655	10
116	The determinants of green credit and its impact on the performance of Chinese banks. <b>2021</b> , 286, 124991	14

115	Inherent mass transfer engineering of a Co, N co-doped carbon material towards oxygen reduction reaction. <b>2021</b> , 58, 391-396	2
114	Study of the polarization mode by reflection under the excitation of the superficial polariton plasmon on the prism structure. <b>2021</b> , 478, 126403	2
113	Fmoc-amino acid-based hydrogel vehicle for delivery of amygdalin to perform neuroprotection. <b>2021</b> , 2, 56-64	7
112	Therapeutic potential of Fingolimod in triple negative breast cancer preclinical models. <b>2021</b> , 14, 100926	8
111	Temperature modifies the magnitude of a plant response to Collembola presence. <b>2021</b> , 158, 103814	1
110	Deep softmax collaborative representation for robust degraded face recognition. <b>2021</b> , 97, 104052	5
109	The influences of power, politics, and climate risk on US subnational climate action. <b>2021</b> , 116, 96-113	2
108	Two-layered dynamic control for simultaneous set-point tracking and improved economic performance. <b>2021</b> , 97, 17-25	1
107	Developing an empathy educational model (EEM) for undergraduate nursing students: A Delphi Technique. <b>2021</b> , 50, 102922	0
106	Open Vascular Surgery Education: Need for the Second Step. <b>2021</b> , 61, 155-156	0
105	Revisiting Open Access Publishing âPart II. <b>2021</b> , 118, 201-202	
104	Follicular and luteal morphofunctionality of dairy cows supplemented with calcium salts of fatty acids in AIFT programs. <b>2021</b> , 244, 104339	
103	Impact of the 'tubulin economy' on the formation and function of the microtubule cytoskeleton. <b>2021</b> , 68, 81-89	5
102	Incorporating historical sub-optimal deep neural networks for dose prediction in radiotherapy. <b>2021</b> , 67, 101886	2
101	Biology and population dynamics of the freshwater puffer fish, <i>Tetraodon lineatus</i> (Linnaeus, 1758), from the River Nile, Aswan, Egypt. <b>2021</b> , 47, 75-80	1
100	Investigations on the soot combustion performance enhancement of a catalytic gasoline particulate filter in equilibrium state for reducing the BSFC of gasoline direct injection engine. <i>Fuel</i> , <b>2021</b> , 284, 119032	7.1 9
99	Index. <b>2021</b> , 573-588	
98	Attentional control both helps and harms empathy. <b>2021</b> , 206, 104505	6

97	Efficient removal of Pb(II) from water using silica gel functionalized with thiosalicylic acid: Response surface methodology for optimization. <b>2021</b> , 33, 101232		5
96	Role of the E3 ubiquitin ligase HRD1 in the regulation of serotonin transporter function. <b>2021</b> , 534, 583-589		2
95	A START domain-containing protein is involved in the incorporation of ER-derived fatty acids into chloroplast glycolipids in <i>Marchantia polymorpha</i> . <b>2021</b> , 534, 436-441		0
94	Zld Cave and the Late Epigravettian in Eastern Central Europe. <b>2021</b> , 587-588, 158-171		2
93	Iron ore identification method using reflectance spectrometer and a deep neural network framework. <b>2021</b> , 248, 119168		4
92	Study on the effect of selected parameters on the alkali-silica reaction of aggregate in ground glass fiber and fly ash-based geopolymer mortars. <i>Construction and Building Materials</i> , <b>2021</b> , 271, 121549	6.7	8
91	Determinants of solar photovoltaic deployment in the electricity mix: Do oil prices really matter?. <i>Energy Economics</i> , <b>2021</b> , 97, 105024	8.3	1
90	Piezoelectric properties of 3-1 type porous PMN-PZT ceramics doped with strontium. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2021</b> , 263, 114847	3.1	2
89	Structuring Knowledge with Cognitive Maps and Cognitive Graphs. <i>Trends in Cognitive Sciences</i> , <b>2021</b> , 25, 37-54	14	39
88	Head-on collision of binary nanodroplets on rough surfaces: Impact velocity dependent spreading dynamics. <i>Applied Surface Science</i> , <b>2021</b> , 541, 148426	6.7	1
87	Decentralized optimal merging control for Connected and Automated Vehicles with safety constraint guarantees. <i>Automatica</i> , <b>2021</b> , 123, 109333	5.7	12
86	The buckling behavior of single-layer MoS <sub>2</sub> sheets with kirigami-inspired structures under compression. <i>Computational Materials Science</i> , <b>2021</b> , 188, 110188	3.2	3
85	A sequence analysis approach to segmenting credit card customers. <i>Journal of Retailing and Consumer Services</i> , <b>2021</b> , 59, 102391	8.5	2
84	Capturing the interaction between travel time reliability and route choice behavior based on the generalized Bayesian traffic model. <i>Transportation Research Part B: Methodological</i> , <b>2021</b> , 143, 48-64	7.2	10
83	Pseudo metal-organic coordination derived one-step carbonization of non-carbonizable carboxylate organic molecules toward functional mesostructured porous carbons. <i>Carbon</i> , <b>2021</b> , 173, 637-645	10.4	9
82	Editorial Board. <i>Developmental and Comparative Immunology</i> , <b>2021</b> , 115, 103941	3.2	
81	The feasibility of patients with coronavirus disease wearing N95 respirators during induction of anaesthesia. <i>Anaesthesia, Critical Care &amp; Pain Medicine</i> , <b>2021</b> , 40, 100778	3	
80	Mechanical and microstructural properties of mortars incorporating ceramic waste powder exposed to the hydrochloric acid solution. <i>Construction and Building Materials</i> , <b>2021</b> , 271, 121565	6.7	9



79	Legal cannabis market shares during Canada's first year of recreational legalisation. <i>International Journal of Drug Policy</i> , <b>2021</b> , 88, 103028	5.5	10
78	Corrigendum to "Identifying Plasma Biomarkers with high specificity for major depressive disorder: A multi-level proteomics study". <i>Journal of Affective disorders</i> 277 (2020) 620-630. <i>Journal of Affective Disorders</i> , <b>2021</b> , 281, 1006-1011	6.6	
77	DNA-binding protein from starvation cells traps intracellular free-divalent iron and plays an important role in oxidative stress resistance in <i>Acetobacter pasteurianus</i> NBRC 3283. <i>Journal of Bioscience and Bioengineering</i> , <b>2021</b> , 131, 256-263	3.3	2
76	Toward standardization of low impedance contact CDM. <i>Microelectronics Reliability</i> , <b>2021</b> , 116, 114011	1.2	0
75	Tatiana Segura, 2021 Acta Biomaterialia Silver Medal Recipient. <i>Scripta Materialia</i> , <b>2021</b> , 194, 113580	5.6	
74	Contributors. <b>2021</b> , xi-xii		
73	Preface. <b>2021</b> , xxi-xxix		
72	Index. <b>2021</b> , 447-457		
71	The future of covalent inhibition. <i>Annual Reports in Medicinal Chemistry</i> , <b>2021</b> , 56, 267-284	1.6	
70	Corrigendum to "Phosphate substances transformation and vivianite formation in P-Fe containing sludge during the transition process of aerobic and anaerobic conditions" [Bioresour. Technol. 319 (2021) 124259]. <i>Bioresource Technology</i> , <b>2021</b> , 320, 124417	11	
69	User and item-aware estimation of review helpfulness. <i>Information Processing and Management</i> , <b>2021</b> , 58, 102434	6.3	6
68	Occurrence and persistence of enteric viruses, arsenic and biotoxins in Pacific oysters farmed in an Italian production site. <i>Marine Pollution Bulletin</i> , <b>2021</b> , 162, 111843	6.7	2
67	Local community perceptions of sea turtle egg use in Tortuguero, Costa Rica. <i>Ocean and Coastal Management</i> , <b>2021</b> , 201, 105423	3.9	4
66	Coupled smoothed particle hydrodynamics-discrete element method simulations of soil liquefaction and its mitigation using gravel drains. <i>Soil Dynamics and Earthquake Engineering</i> , <b>2021</b> , 140, 106460	3.5	6
65	Synchrotron X-ray standing wave Characterization of atomic arrangement at interface between transferred graphene and $\alpha\text{-Al}_2\text{O}_3(0001)$ . <i>Surface Science</i> , <b>2021</b> , 704, 121749	1.8	1
64	Mathematical analysis and numerical approximation of a general linearized poro-hyperelastic model. <i>Computers and Mathematics With Applications</i> , <b>2021</b> , 91, 202-228	2.7	1
63	fruclimadapt: An R package for climate adaptation assessment of temperate fruit species. <i>Computers and Electronics in Agriculture</i> , <b>2021</b> , 180, 105879	6.5	2
62	Nonlinear model predictive control of ultra-high-purity air separation units using transient wave propagation model. <i>Computers and Chemical Engineering</i> , <b>2021</b> , 145, 107163	4	4

61	Development of a Bayesian based adaptive optimisation algorithm for the thermostat settings in agile open plan offices. <i>Energy and Buildings</i> , <b>2021</b> , 230, 110536	7	0
60	Association between social capital and suicide ideation, plan and attempt among men living with HIV in China. <i>Journal of Affective Disorders</i> , <b>2021</b> , 280, 173-179	6.6	1
59	Electrochemical impedimetric detection of kanamycin using molecular imprinting for food safety. <i>Microchemical Journal</i> , <b>2021</b> , 160, 105713	4.8	10
58	Electronic controlled optical activity analysis on NLO crystal; 4-Amino-5-Nitroindole using morphological, spectroscopic and theoretical tools. <i>Physica B: Condensed Matter</i> , <b>2021</b> , 604, 412645	2.8	
57	Experimental and computational investigation of extinction and autoignition of propane and n-heptane in nonpremixed flows. <i>Proceedings of the Combustion Institute</i> , <b>2021</b> , 38, 2257-2263	5.9	
56	Linear and nonlinear optical studies of Ag/Zn/ZnO nanocomposite thin film prepared by pulsed laser deposition technique. <i>Radiation Physics and Chemistry</i> , <b>2021</b> , 179, 109233	2.5	12
55	Nucleic acid-functionalized metal-organic framework for ultrasensitive immobilization-free photoelectrochemical biosensing. <i>Biosensors and Bioelectronics</i> , <b>2021</b> , 173, 112832	11.8	15
54	Developmental improvements in talker recognition are specific to the native language. <i>Journal of Experimental Child Psychology</i> , <b>2021</b> , 202, 104991	2.3	3
53	Synthesis, characterization, refractive index-bandgap relations, and optical nonlinearity parameters of CuI/PVOH nanocomposites. <i>Optics and Laser Technology</i> , <b>2021</b> , 136, 106736	4.2	5
52	The good, the bad, and the contingency: How patients' treatment verification behaviors are linked to doctors' reactions. <i>Patient Education and Counseling</i> , <b>2021</b> , 104, 1364-1370	3.1	
51	Electromagnetic-heating enhancement of source rock permeability for high recovery. <i>Fuel</i> , <b>2021</b> , 283, 118976	7.1	6
50	Pharmaceutical Co-Crystals, Salts, and Co-Amorphous Systems: A Novel Opportunity of Hot Melt Extrusion. <i>Journal of Drug Delivery Science and Technology</i> , <b>2021</b> , 61, 102209-102209	4.5	7
49	Discovery and structure activity relationship of glyoxamide derivatives as anti-hepatitis B virus agents. <i>Bioorganic and Medicinal Chemistry</i> , <b>2021</b> , 31, 115952	3.4	0
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47	A planetary gear reducer backlash identification based on servo motor current signal and optimized fisher discriminant analysis. <i>ISA Transactions</i> , <b>2021</b> , 112, 350-362	5.5	0
46	A cross-cultural interpersonal model of adolescent depression: A qualitative study in rural Nepal. <i>Social Science and Medicine</i> , <b>2021</b> , 270, 113623	5.1	4
45	Bacteria-based electro-optical platform for ampicillin detection in aquatic solutions. <i>Talanta</i> , <b>2021</b> , 225, 122007	6.2	1
44	2-Hydroxyanthraquinone substituted cyclotriphosphazenes: Synthesis and cytotoxic activities in cancer cell lines. <i>Inorganica Chimica Acta</i> , <b>2021</b> , 514, 120005	2.7	6

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42	Correlation of structural and optical properties of AlGa <sub>N</sub> films grown on SiN-treated sapphire by MOVPE. <i>Materials Science and Engineering B: Solid-State Materials for Advanced Technology</i> , <b>2021</b> , 263, 114866	3.1	
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