

Eun Jung Baek

List of Publications by Year in descending order

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33
papers

484
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686830

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37
times ranked

725
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | In vitro clinicalâ€grade generation of red blood cells from human umbilical cord blood CD34+ cells. <i>Transfusion</i> , 2008, 48, 2235-2245. | 0.8 | 80 |
| 2 | Postâ€thaw viable CD34⁺ cell count is a valuable predictor of haematopoietic stem cell engraftment in autologous peripheral blood stem cell transplantation. <i>Vox Sanguinis</i> , 2008, 94, 146-152. | 0.7 | 56 |
| 3 | Direct and differential effects of stem cell factor on the neovascularization activity of endothelial progenitor cells. <i>Cardiovascular Research</i> , 2011, 92, 132-140. | 1.8 | 36 |
| 4 | Stromaâ€free mass production of clinicalâ€grade red blood cells (RBCs) by using poloxamer 188 as an RBC survival enhancer. <i>Transfusion</i> , 2009, 49, 2285-2295. | 0.8 | 34 |
| 5 | The RNA in reticulocytes is not just debris: It is necessary for the final stages of erythrocyte formation. <i>Blood Cells, Molecules, and Diseases</i> , 2014, 53, 1-10. | 0.6 | 26 |
| 6 | Topical treatment of the buccal mucosa and wounded skin in rats with a triamcinolone acetonide-loaded hydrogel prepared using an electron beam. <i>International Journal of Pharmaceutics</i> , 2013, 447, 102-108. | 2.6 | 23 |
| 7 | Two-step maturation of immature DCs with proinflammatory cytokine cocktail and poly(I:C) enhances migratory and T cell stimulatory capacity. <i>Vaccine</i> , 2010, 28, 2877-2886. | 1.7 | 22 |
| 8 | Monocyte enrichment from leukapheresis products by using the Elutra cell separator. <i>Transfusion</i> , 2007, 47, 2290-2296. | 0.8 | 21 |
| 9 | Red Blood Cell Generation by Three-Dimensional Aggregate Cultivation of Late Erythroblasts. <i>Tissue Engineering - Part A</i> , 2015, 21, 817-828. | 1.6 | 21 |
| 10 | Red Blood Cell Engineering in Stroma and Serum/Plasma-Free Conditions and Long Term Storage. <i>Tissue Engineering - Part A</i> , 2012, 18, 117-126. | 1.6 | 17 |
| 11 | Genomic breakpoints and clinical features of MLL-TET1 rearrangement in acute leukemias. <i>Haematologica</i> , 2013, 98, e55-e57. | 1.7 | 17 |
| 12 | CRISPR/Cas9 PIG-A gene editing in nonhuman primate model demonstrates no intrinsic clonal expansion of PNH HSPCs. <i>Blood</i> , 2019, 133, 2542-2545. | 0.6 | 17 |
| 13 | Preparation and irradiation of Pluronic F127-based thermoreversible and mucoadhesive hydrogel for local delivery of naproxen. <i>Drug Development and Industrial Pharmacy</i> , 2013, 39, 1874-1880. | 0.9 | 16 |
| 14 | Autonomous control of terminal erythropoiesis via physical interactions among erythroid cells. <i>Stem Cell Research</i> , 2013, 10, 442-453. | 0.3 | 15 |
| 15 | Enhanced Production of Red Blood Cells in Suspension by Electrostatic Interactions with Culture Plates. <i>Tissue Engineering - Part C: Methods</i> , 2010, 16, 1325-1334. | 1.1 | 13 |
| 16 | Mbd2-CP2c loop drives adult-type globin gene expression and definitive erythropoiesis. <i>Nucleic Acids Research</i> , 2018, 46, 4933-4949. | 6.5 | 13 |
| 17 | Haemolytic Disease of Newborn Due to Antiâ€J</sc>ka and the Duration of Antibody Persistence. <i>Journal of Paediatrics and Child Health</i> , 2013, 49, E101-2. | 0.4 | 9 |
| 18 | Randomized Controlled Trials In Endourology: A Quality Assessment. <i>Journal of Endourology</i> , 2013, 27, 1055-1060. | 1.1 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | The effects of plasma gelsolin on human erythroblast maturation for erythrocyte production. <i>Stem Cell Research</i> , 2018, 29, 64-75. | 0.3 | 8 |
| 20 | A Case of Immune Hemolytic Anemia Induced by Ceftizoxime and Cefobactam (Sulbactam/Cefoperazone). <i>Annals of Laboratory Medicine</i> , 2009, 29, 578-584. | 1.2 | 7 |
| 21 | Red cell manufacturing using parallel stirred-tank bioreactors at the final stages of differentiation enhances reticulocyte maturation. <i>Biotechnology and Bioengineering</i> , 2021, 118, 1763-1778. | 1.7 | 6 |
| 22 | Improvement of Red Blood Cell Maturation In Vitro by Serum-Free Medium Optimization. <i>Tissue Engineering - Part C: Methods</i> , 2019, 25, 232-242. | 1.1 | 5 |
| 23 | Role of Plasma Gelsolin Protein in the Final Stage of Erythropoiesis and in Correction of Erythroid Dysplasia In Vitro. <i>International Journal of Molecular Sciences</i> , 2020, 21, 7132. | 1.8 | 3 |
| 24 | <sc>RBC</sc> substitutes: from the past to the future. <i>ISBT Science Series</i> , 2015, 10, 150-153. | 1.1 | 1 |
| 25 | Cell sources for large-scale manufacture of red blood cells. <i>ISBT Science Series</i> , 2018, 13, 268-273. | 1.1 | 1 |
| 26 | Preparation of Eudragit Coated Superporous Hydrogels and Their pH Dependent Swelling Behavior. <i>Porrime</i> , 2011, 35, 520-525. | 0.0 | 1 |
| 27 | A Case of False-negative Malaria Rapid Diagnostic Test Induced by Treatment with Doxycycline. <i>Laboratory Medicine Online</i> , 2019, 9, 194. | 0.0 | 1 |
| 28 | Influence of air exposure and storage condition on serum ionized magnesium level. <i>Scandinavian Journal of Clinical and Laboratory Investigation</i> , 2005, 65, 107-110. | 0.6 | 0 |
| 29 | <i>De novo</i> hairy cell leukemia with a major <sc>BCR</sc>/<sc>ABL</sc>1</i> rearrangement: A case report with a literature review. <i>Pathology International</i> , 2014, 64, 142-147. | 0.6 | 0 |
| 30 | Macrophages and PMA-stimulated macrophage-like cells express the erythroid cell-lineage adhesion molecule, ICAM-4: Implications for generation of erythrocytes in vitro. <i>Cytotherapy</i> , 2017, 19, 1248-1250. | 0.3 | 0 |
| 31 | Preparation and Characterization of L-Arginine Containing Poloxamer Hydrogels for Solubilization and Sustained Release of Amphotericin B. <i>Porrime</i> , 2010, 34, 459-463. | 0.0 | 0 |
| 32 | The Growth Response of Erythrocyte Production to Increased Dense Condition. <i>Blood</i> , 2011, 118, 4812-4812. | 0.6 | 0 |
| 33 | Modeling Human Paroxysmal Nocturnal Hemoglobinuria Via CRISPR/Cas9 HSPC Gene Editing in Non-Human Primate. <i>Blood</i> , 2018, 132, 1309-1309. | 0.6 | 0 |